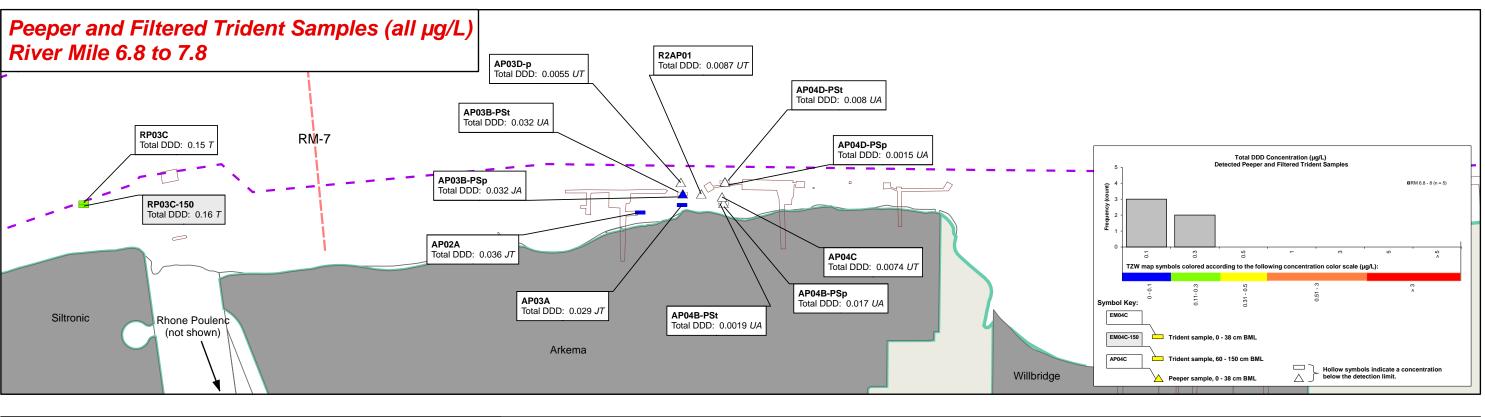
PORTLAND HARBOR RI/FS REMEDIAL INVESTIGATION REPORT

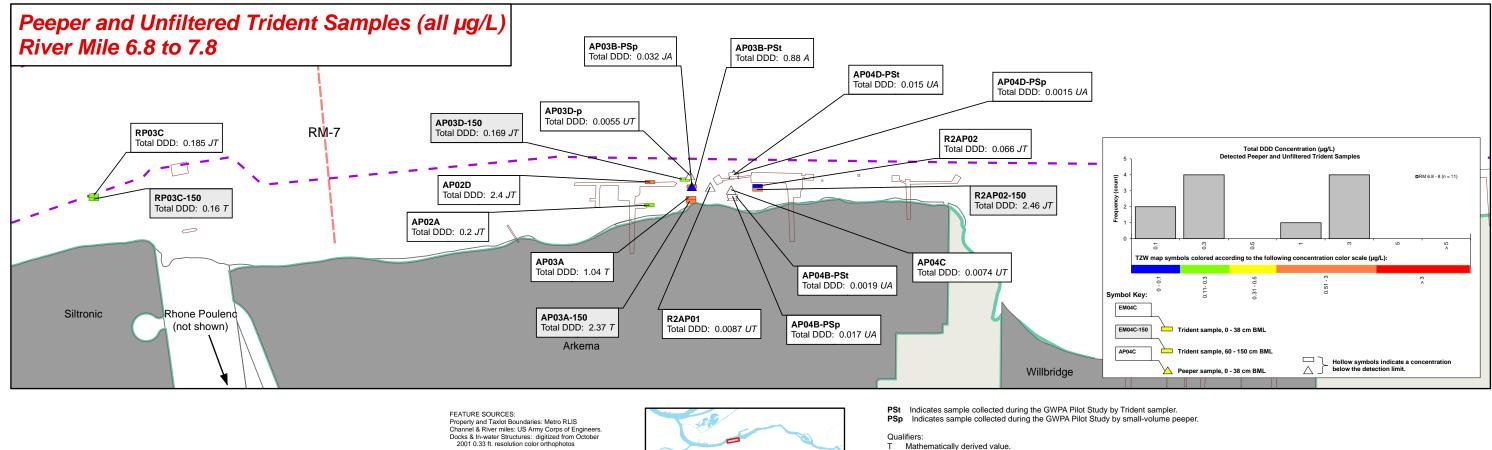
APPENDIX D4.2 CONTAMINANTS IN TRANSITION ZONE WATER AND SEEPS—MAPS

DRAFT FINAL

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Map Features

--- River Miles

GWPA Study Site Upland ECSI Sites (2008)

Waterfront Taxlots

1.000 Feet

Docks and Structures

Navigation Channel

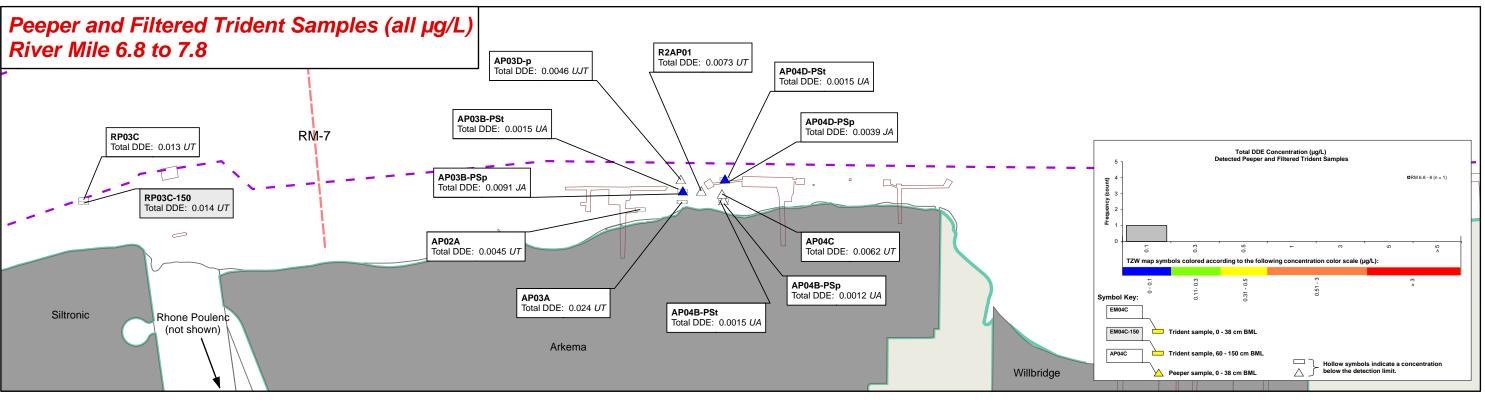
U The analyte was not detected above the reported sample quantitation limit.

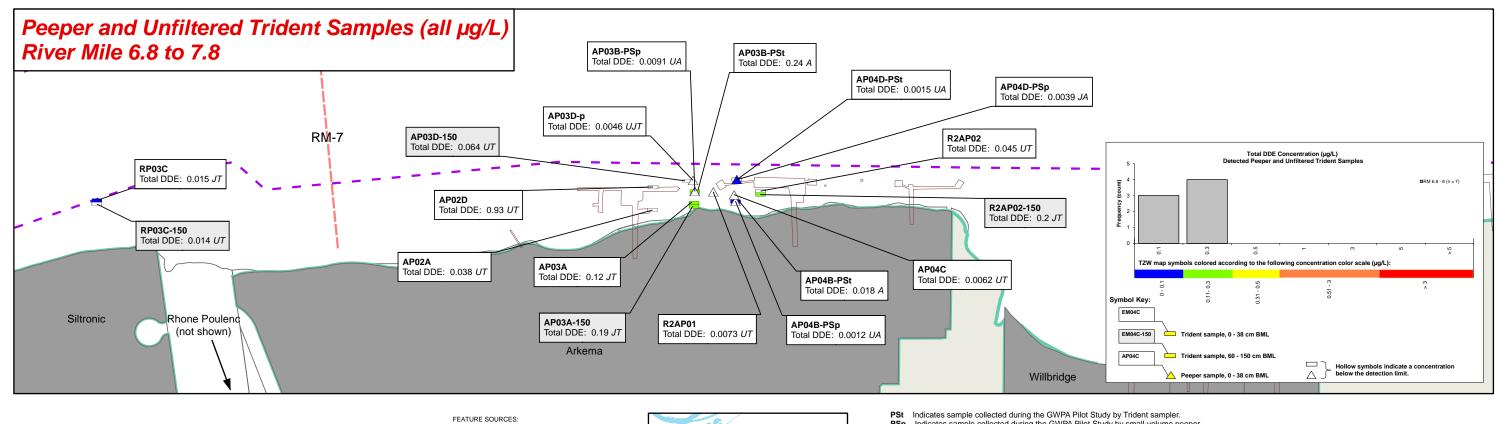
UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory. A Total value based on a limited number of analytes.

The associated numerical value was approximated by the analytical laboratory.

Qualifiers:
T Mathematically derived value.

Map D4.2-1a Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Total DDD (µg/L) River Mile 6.8 to 7.8





Property and Taxlot Boundaries: Metro RLIS Channel & River miles: US Army Corps of Engineers. Docks & In-water Structures: digitized from October 2001 0.33 ft. resolution color orthophotos Map Features Docks and Structures Navigation Channel --- River Miles GWPA Study Site Upland ECSI Sites (2008) Waterfront Taxlots 1.000 Feet

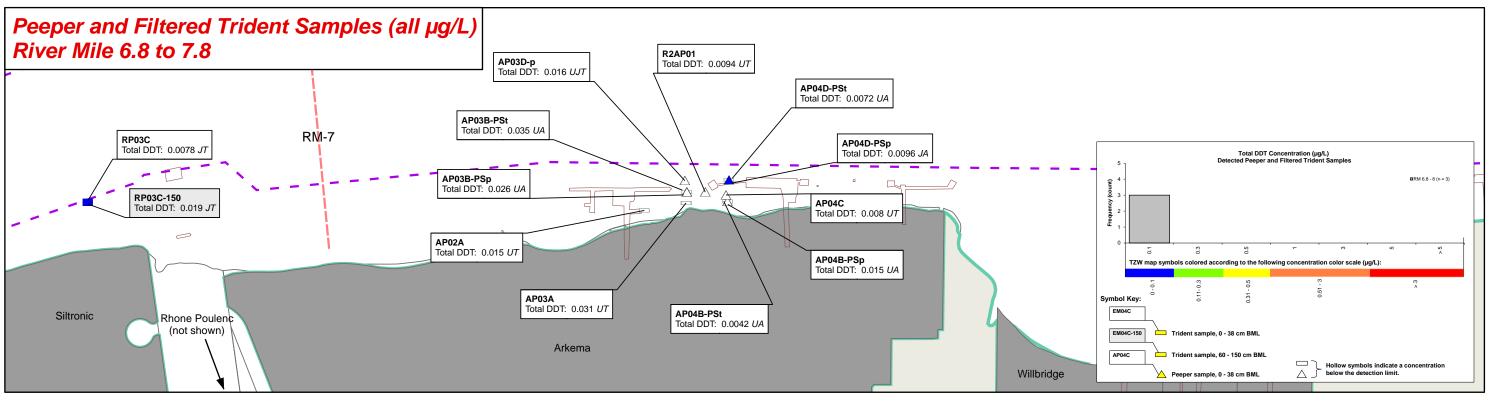


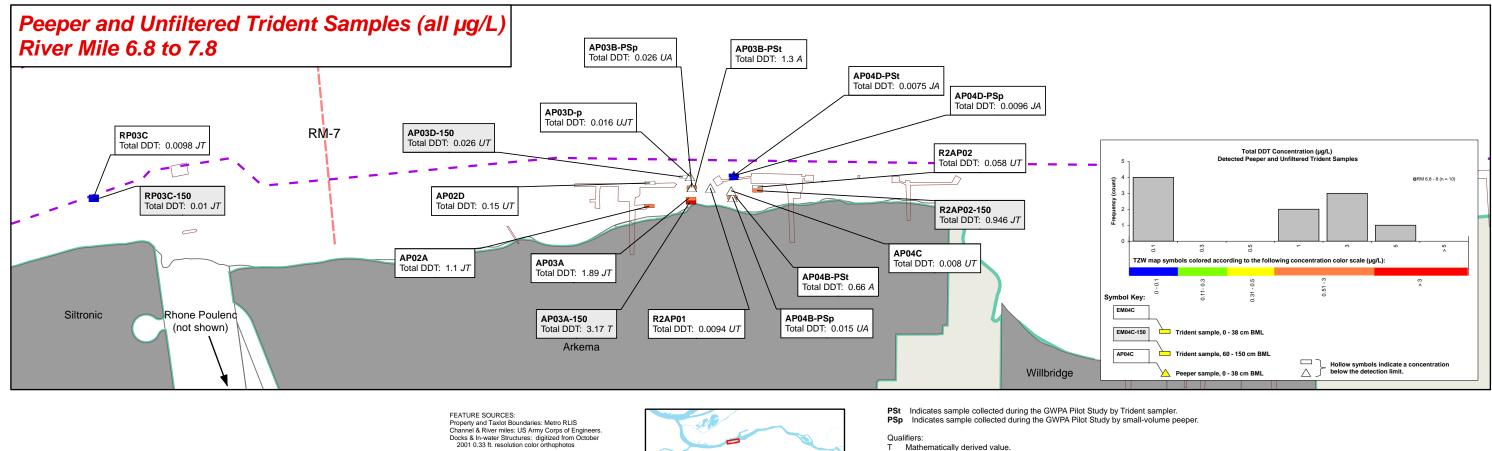
PSp Indicates sample collected during the GWPA Pilot Study by small-volume peeper

- Qualifiers:
 T Mathematically derived value.
- The associated numerical value was approximated by the analytical laboratory.
- U The analyte was not detected above the reported sample quantitation limit.

 UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory.
- A Total value based on a limited number of analytes.

Map D4.2-1b Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Total DDE (µg/L) River Mile 6.8 to 7.8





Map Features

--- River Miles

GWPA Study Site Upland ECSI Sites (2008)

Waterfront Taxlots

1.000 Feet

Docks and Structures

Navigation Channel

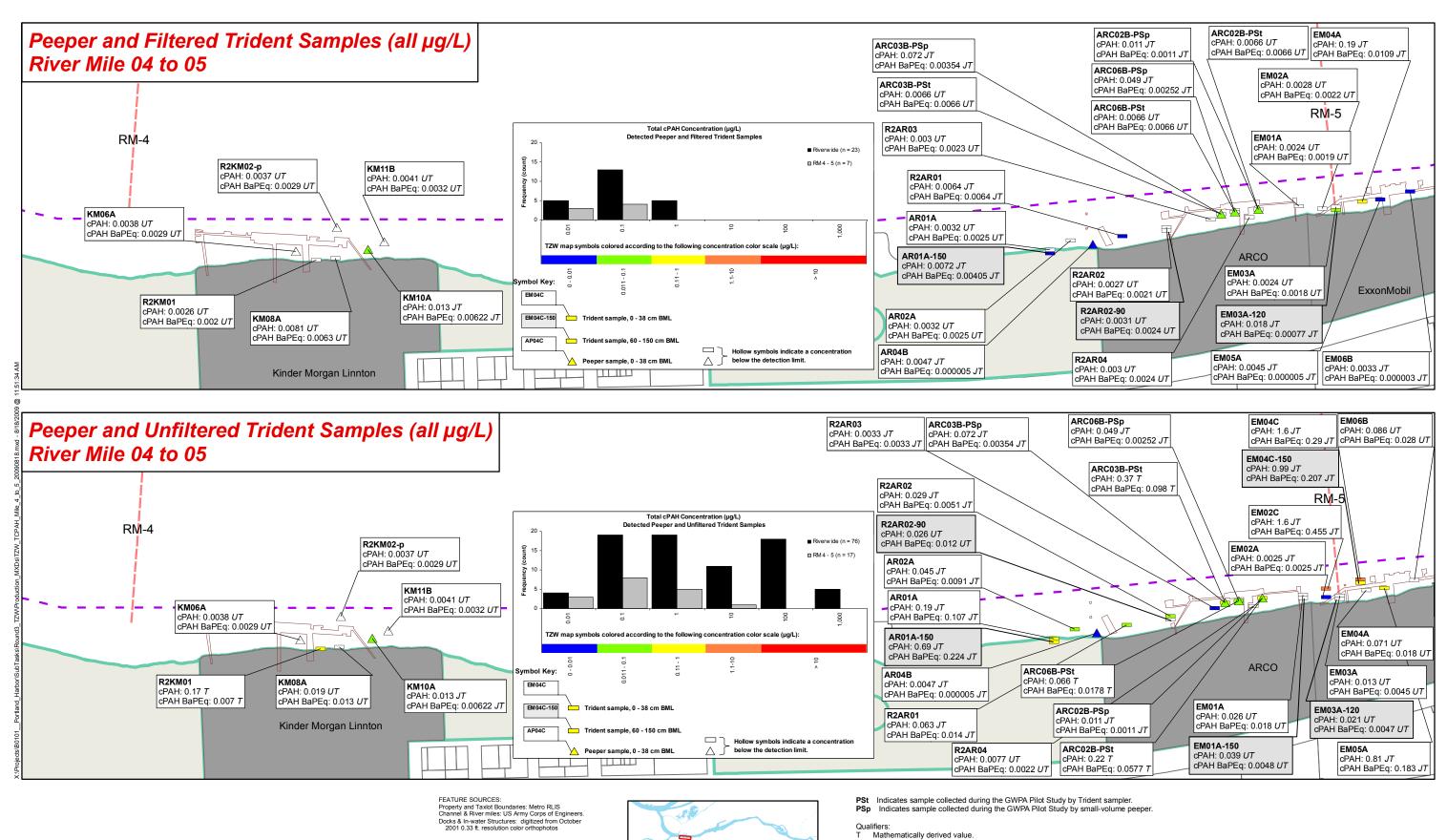
U The analyte was not detected above the reported sample quantitation limit.

UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory. A Total value based on a limited number of analytes.

The associated numerical value was approximated by the analytical laboratory.

Qualifiers:
T Mathematically derived value.

Map D4.2-1c Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Total DDT (µg/L) River Mile 6.8 to 7.8



Map Features

---- River Miles

GWPA Study Site

Docks and Structures

Upland ECSI Sites (2008)

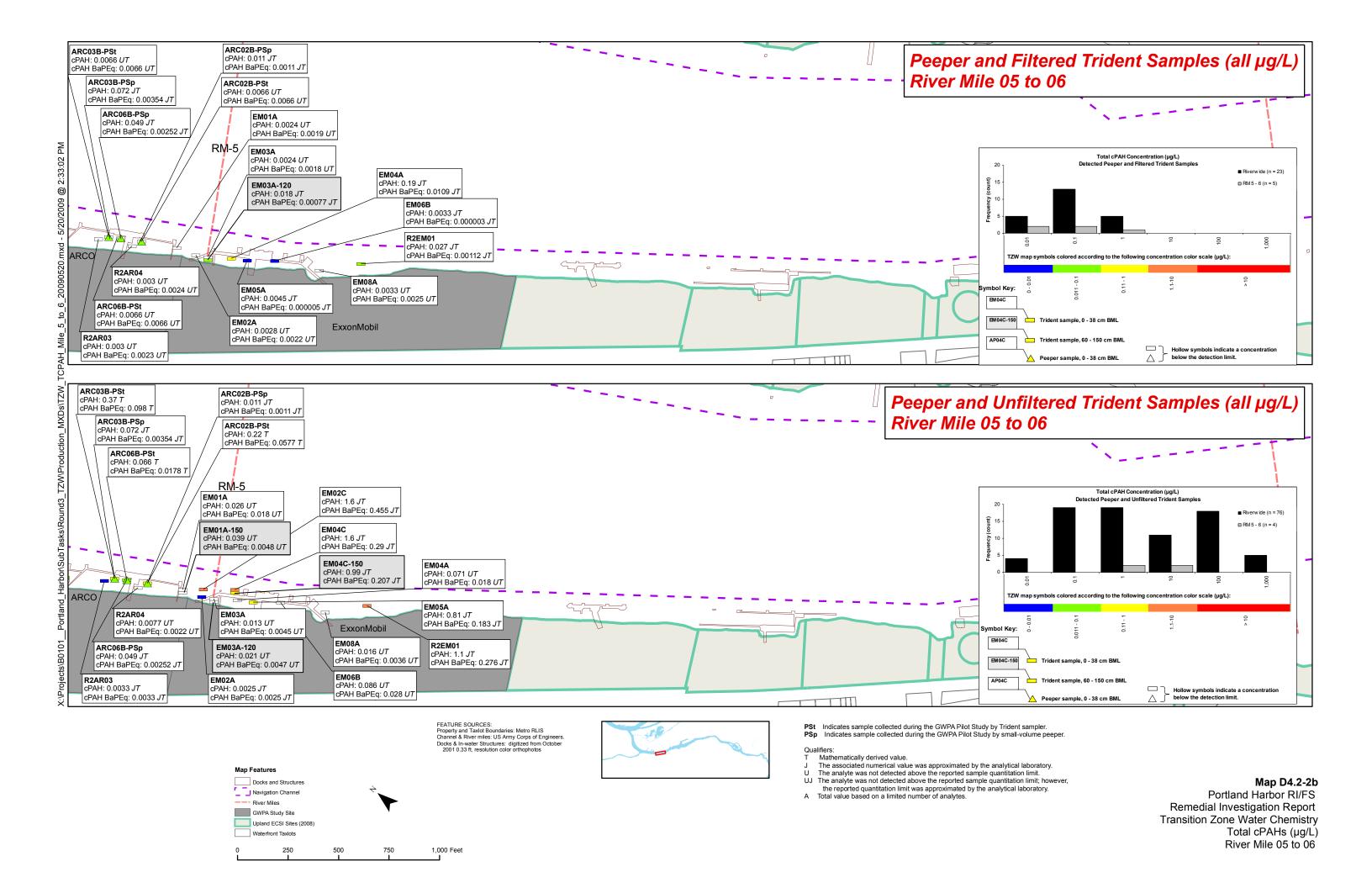
1,000 Feet

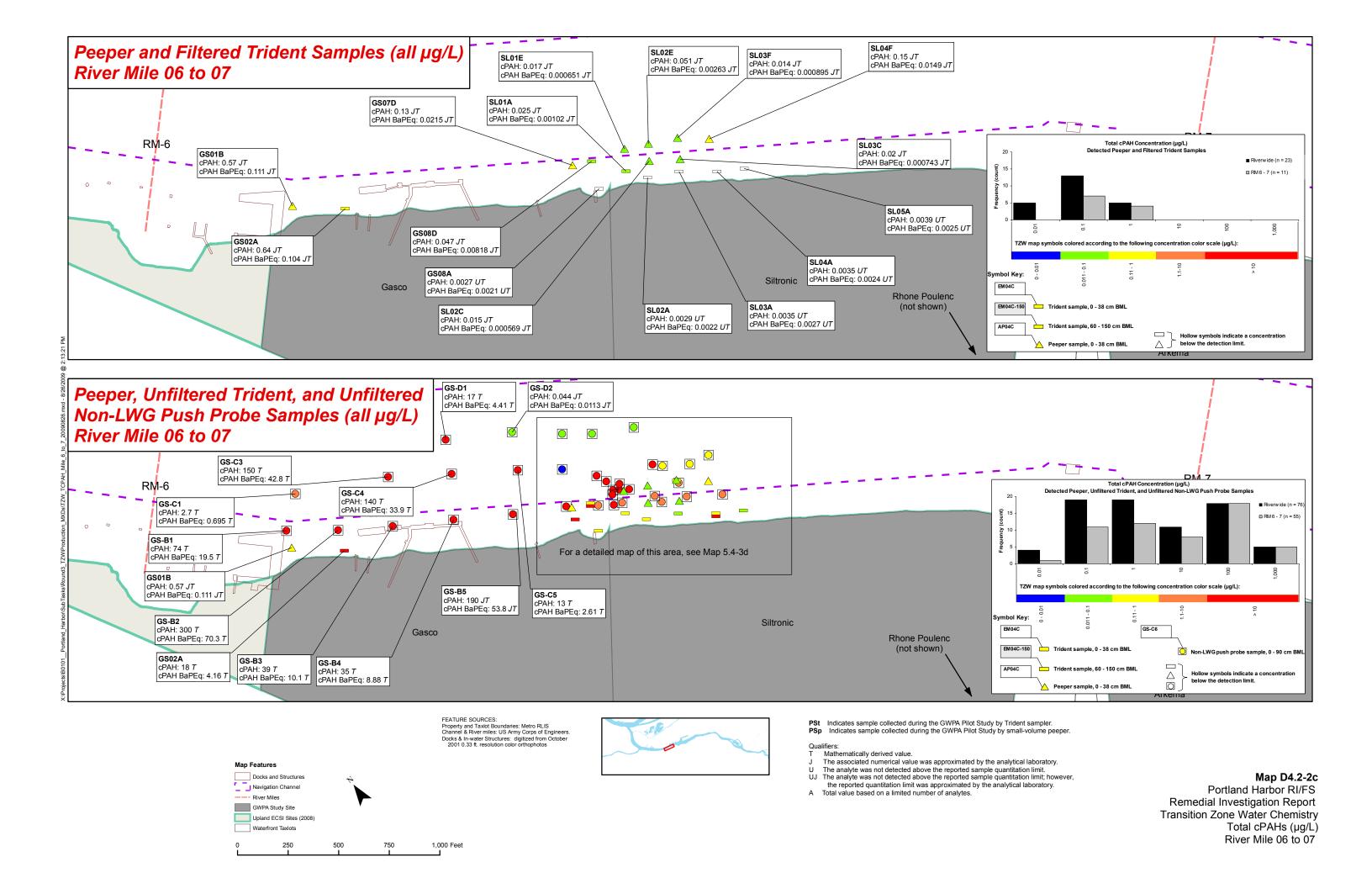
Waterfront Taxlots

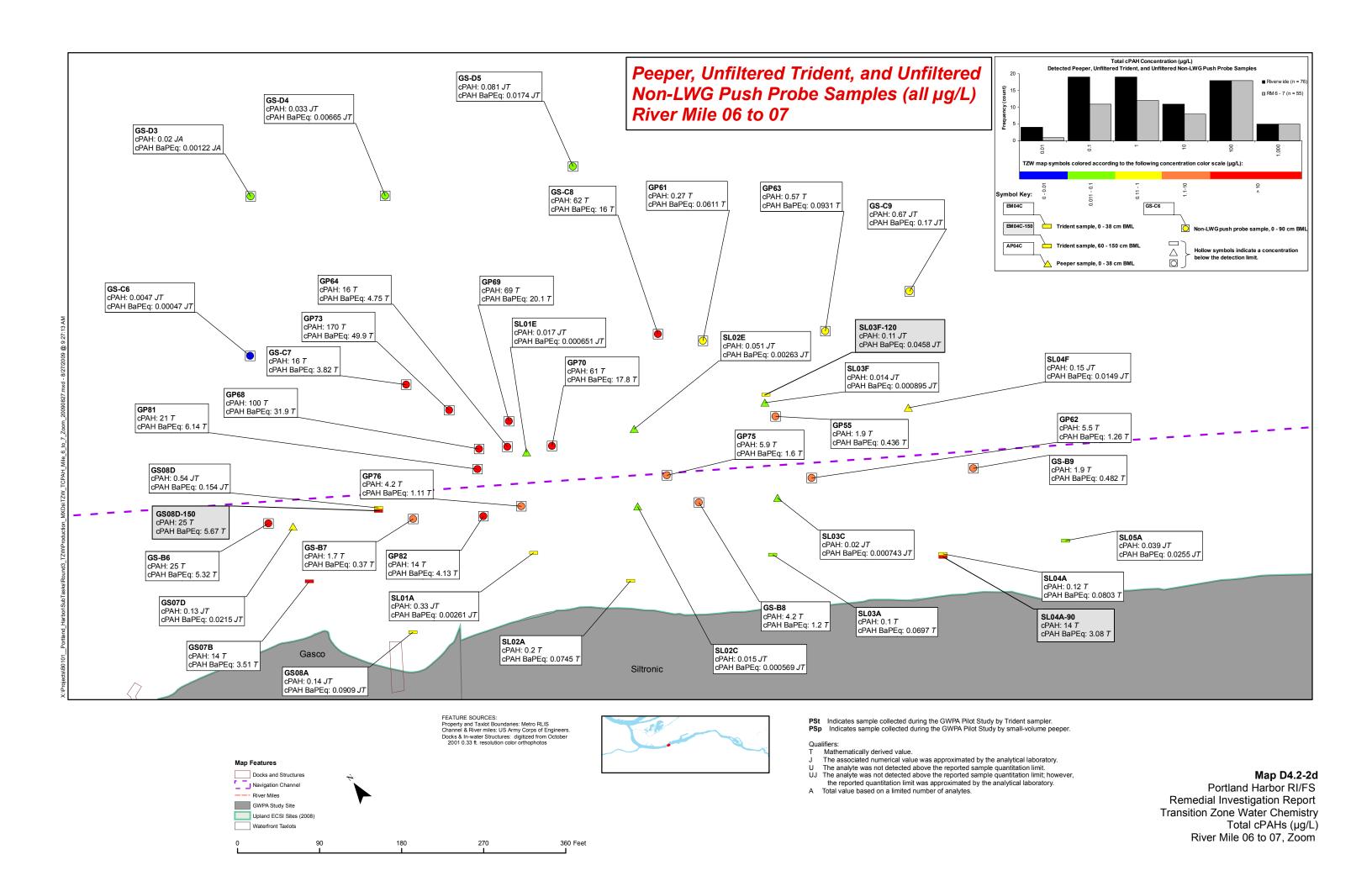
Navigation Channel

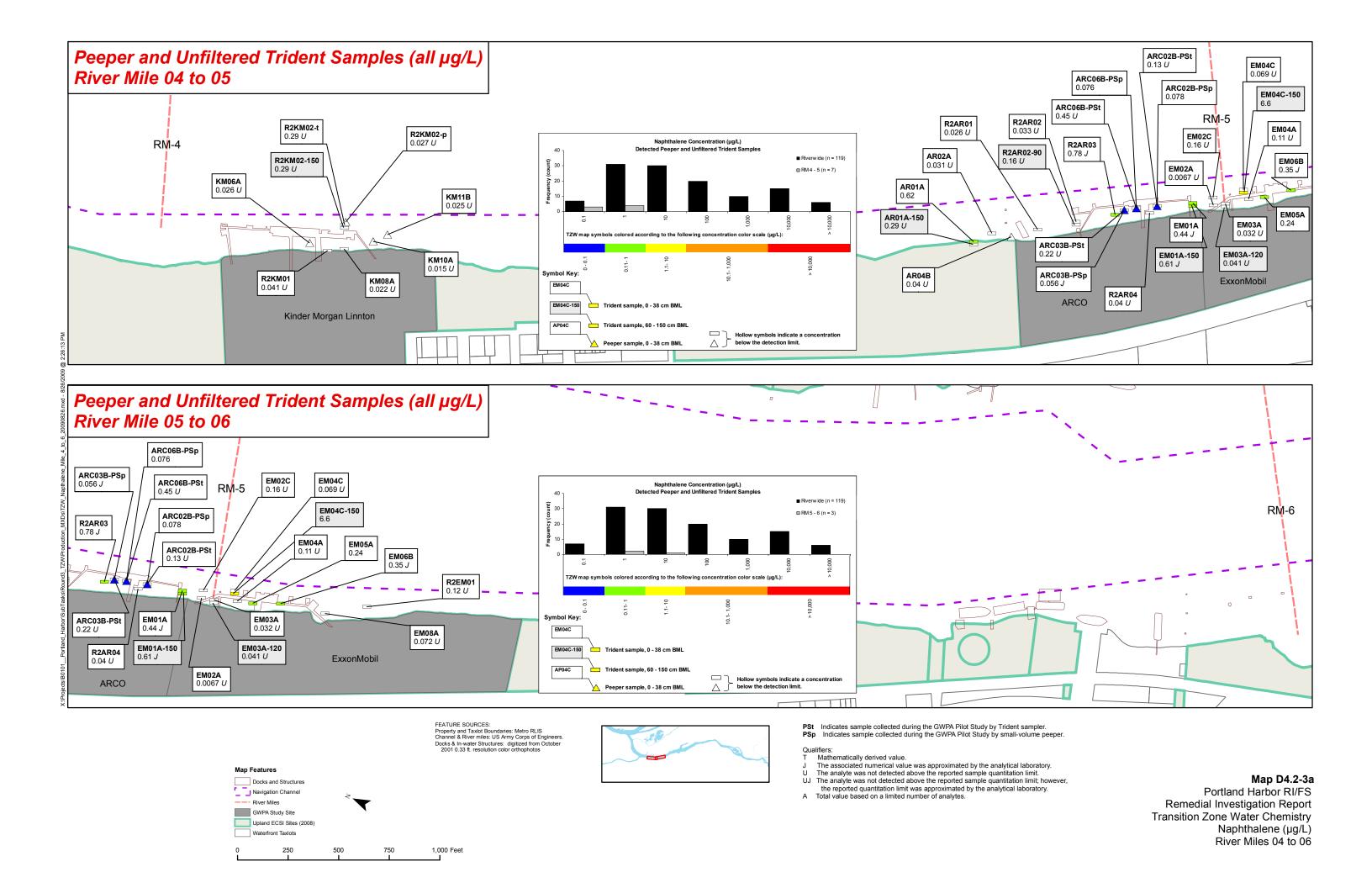
The associated numerical value was approximated by the analytical laboratory.
 The analyte was not detected above the reported sample quantitation limit.
 The analyte was not detected above the reported sample quantitation limit; however the reported quantitation limit was approximated by the analytical laboratory.
 Total value based on a limited number of analytes.

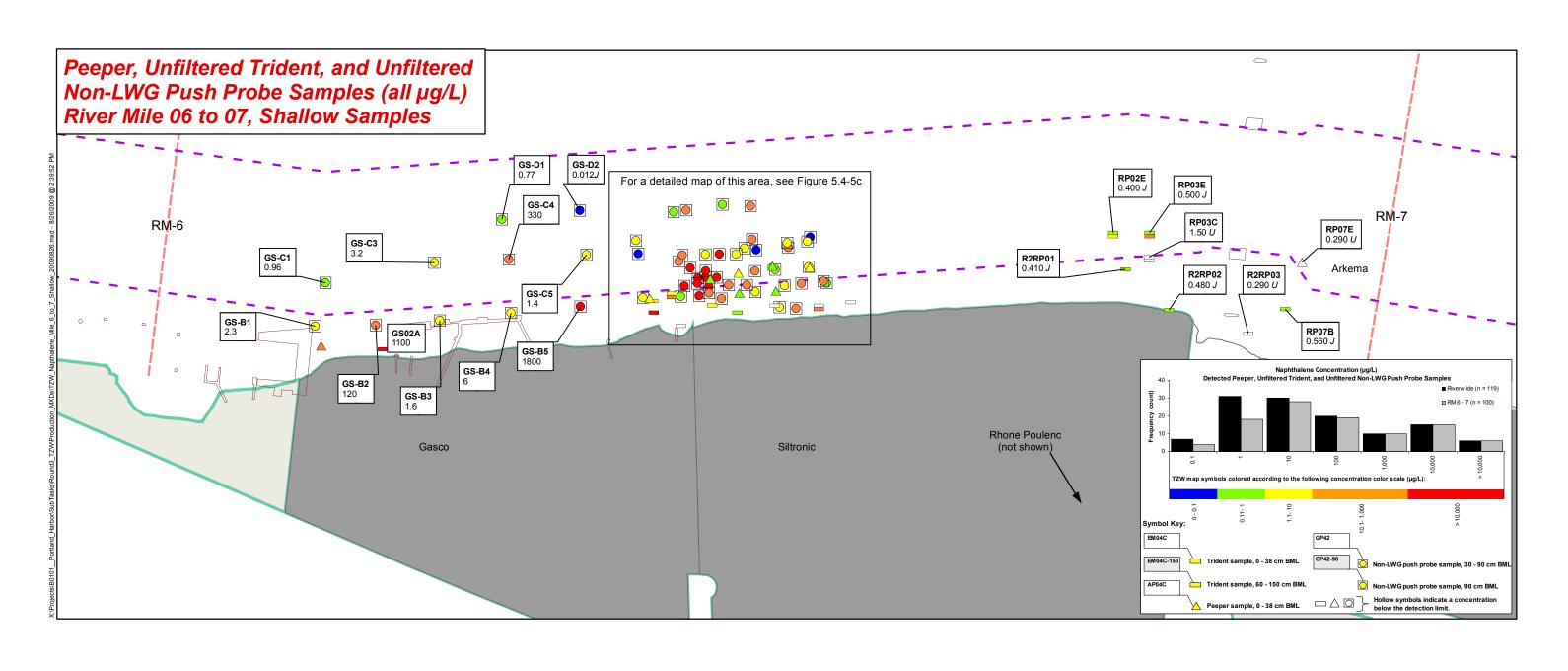
Map D4.2-2a
Portland Harbor RI/FS
Remedial Investigation Report
Transition Zone Water Chemistry
Total cPAHs (µg/L)
River Mile 04 to 05

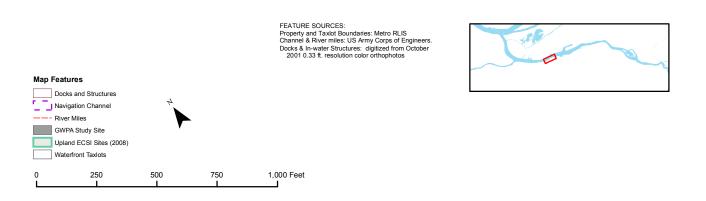












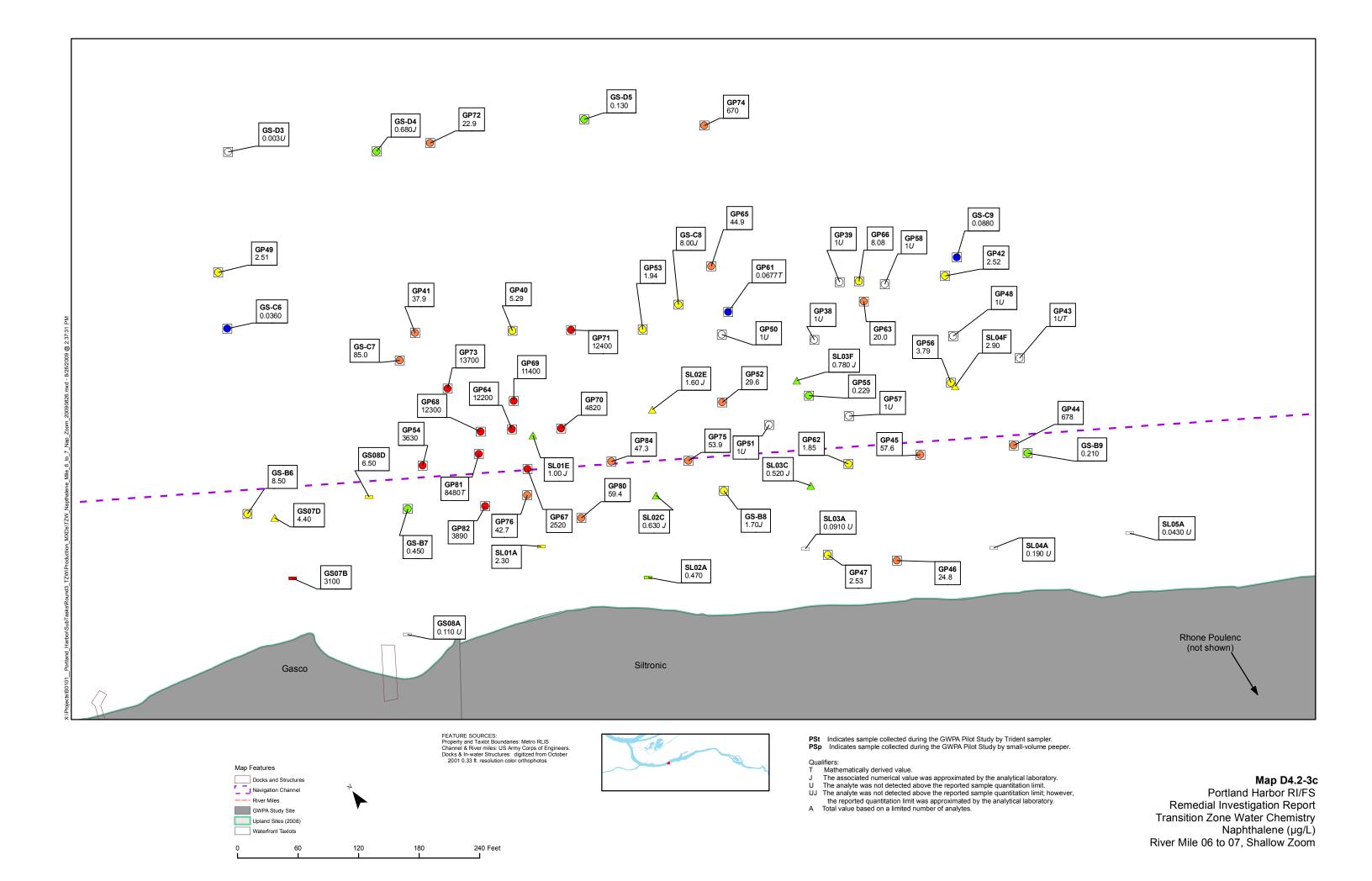
PSt Indicates sample collected during the GWPA Pilot Study by Trident sampler.
PSp Indicates sample collected during the GWPA Pilot Study by small-volume peeper.

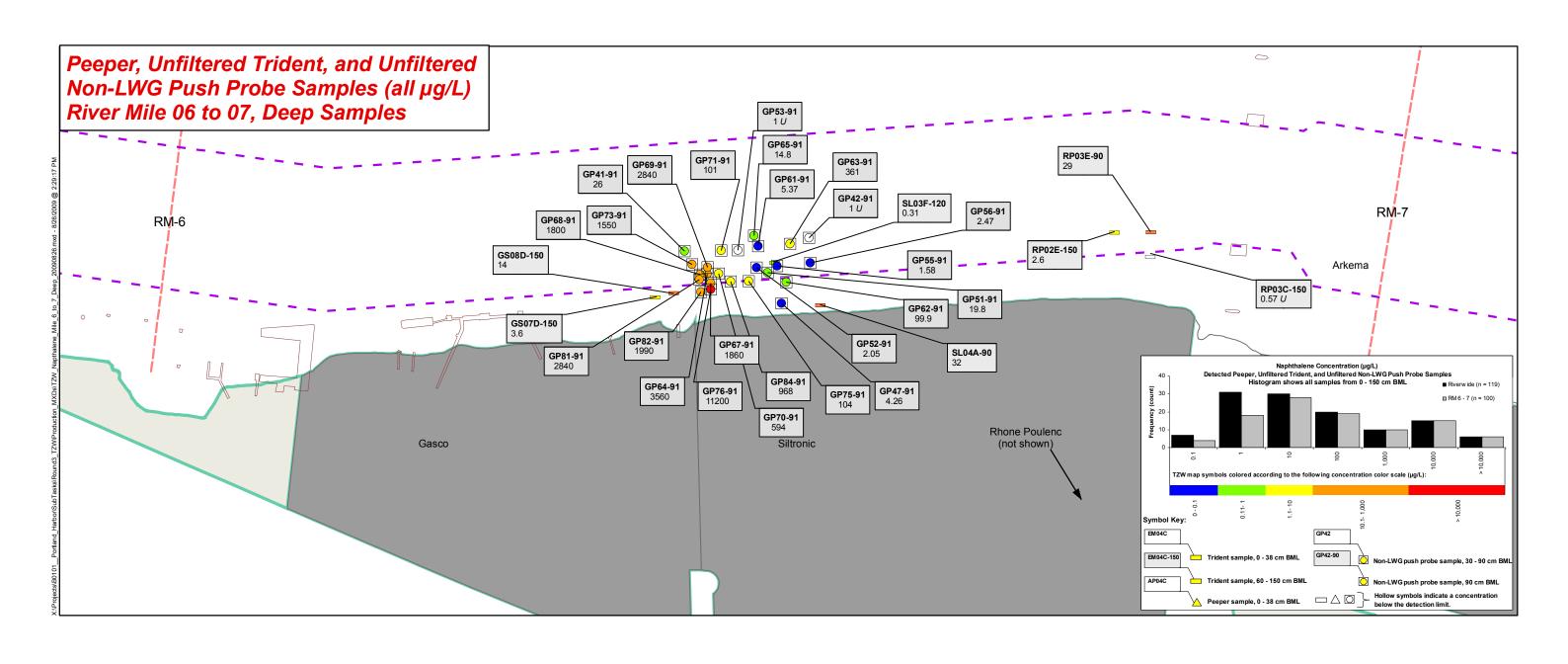
- Qualifiers: T Mathematically derived value.
- The associated numerical value was approximated by the analytical laboratory.
- U The analyte was not detected above the reported sample quantitation limit.

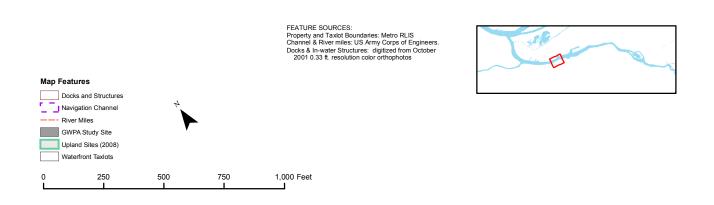
 UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory.
- A Total value based on a limited number of analytes.

Map D4.2-3b

Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Naphthalene (µg/L) River Mile 06 to 07, Shallow Samples







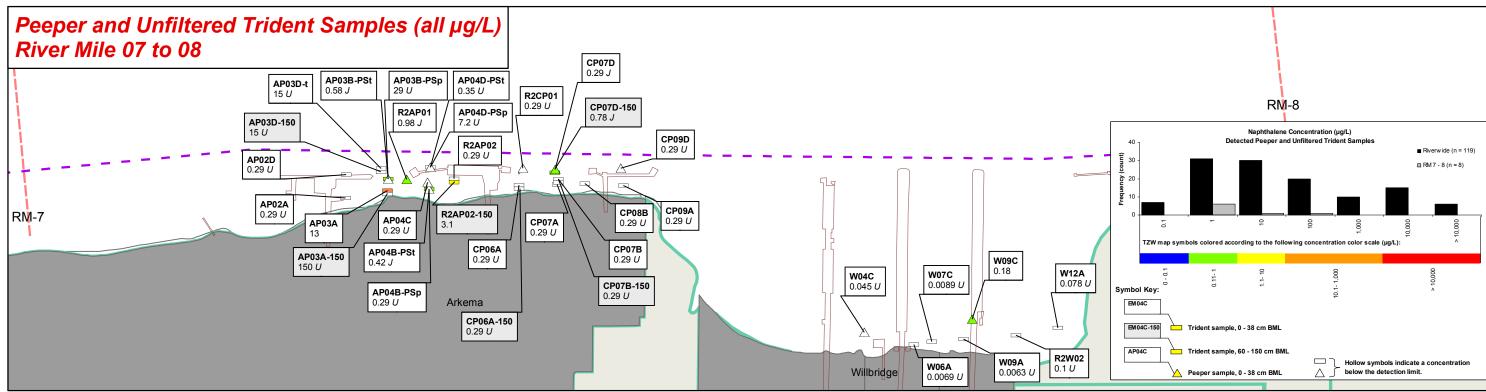
PSt Indicates sample collected during the GWPA Pilot Study by Trident sampler.
PSp Indicates sample collected during the GWPA Pilot Study by small-volume peeper.

- Qualifiers: T Mathematically derived value.
- The associated numerical value was approximated by the analytical laboratory.
- U The analyte was not detected above the reported sample quantitation limit.

 UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory.
- A Total value based on a limited number of analytes.

Map D4.2-3d

Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Naphthalene (µg/L) River Mile 06 to 07, Deep Samples



 $X. \label{projects} X. \label{projects} A 1011_Portland_HarbonSubTasks\\ A 26/2009 @ 2:48:59 PM A 2010-1011_Portland_HarbonSubTasks\\ A 26/2009 @ 2:48:59 PM A 2010-1011_PORTLANDS A 2010-1011_PORTLAN$



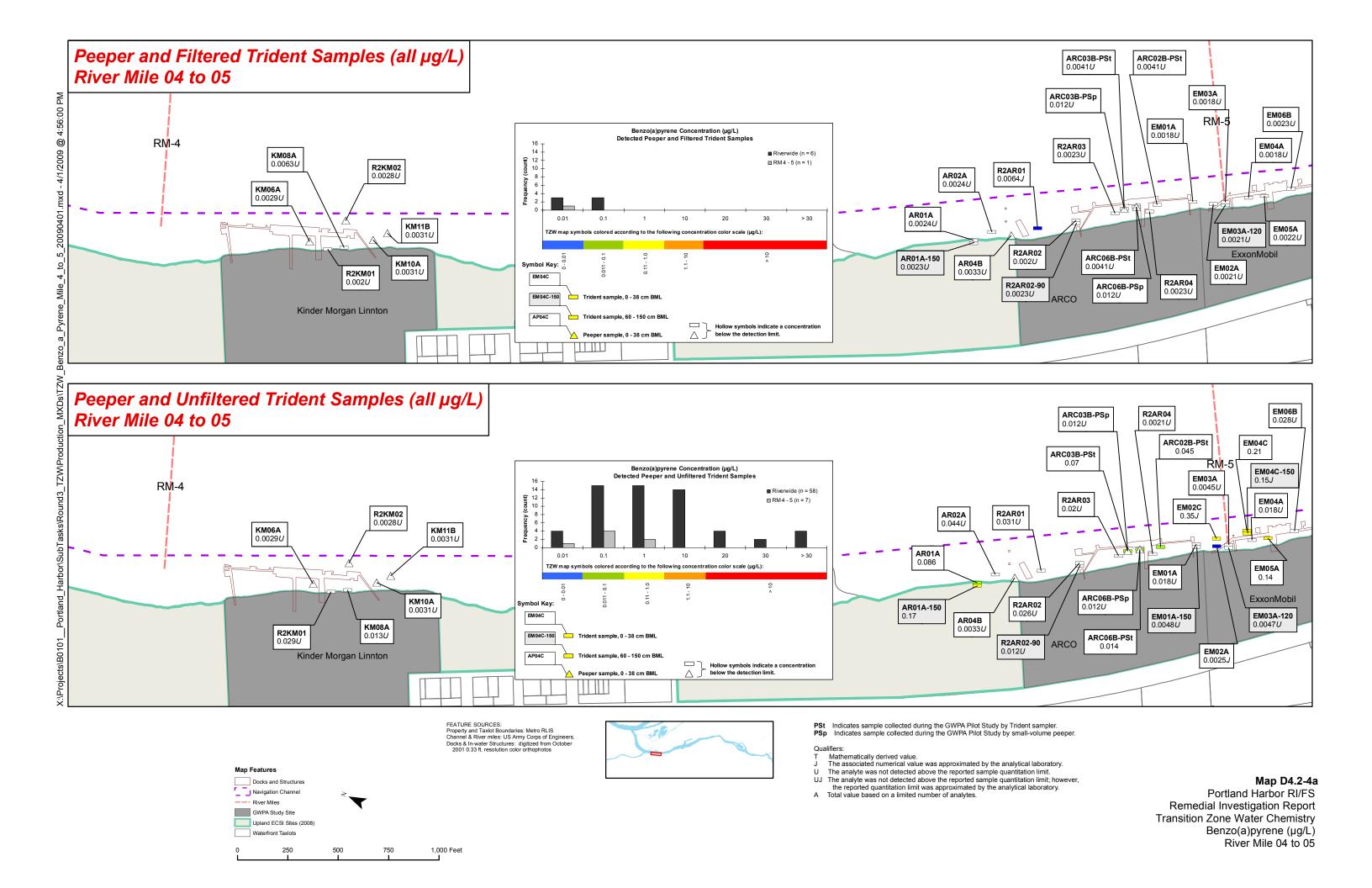
PSt Indicates sample collected during the GWPA Pilot Study by Trident sampler.
PSp Indicates sample collected during the GWPA Pilot Study by small-volume peeper.

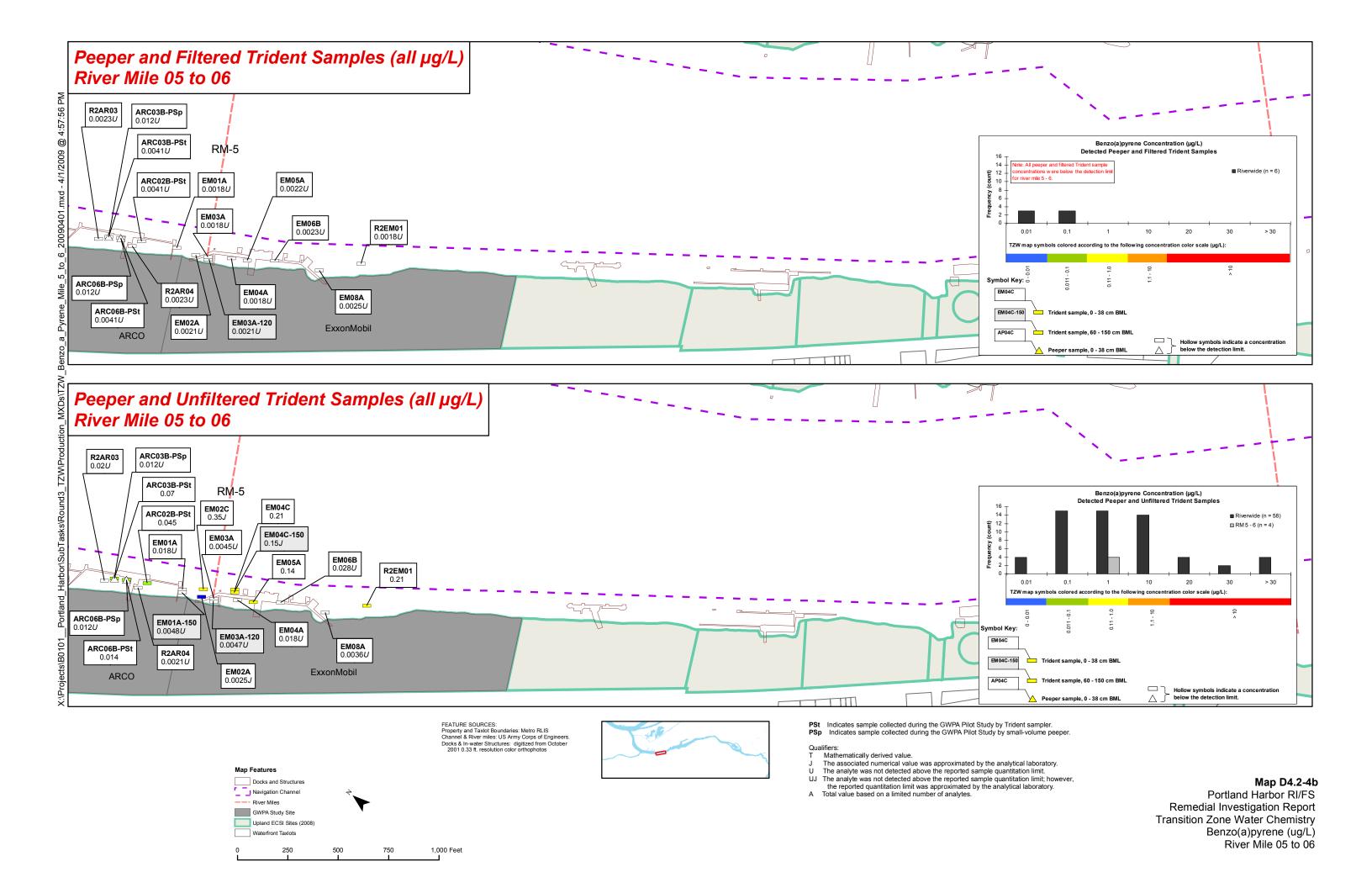
- The associated numerical value was approximated by the analytical laboratory. The analyte was not detected above the reported sample quantitation limit.
- UJ The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit was approximated by the analytical laboratory.

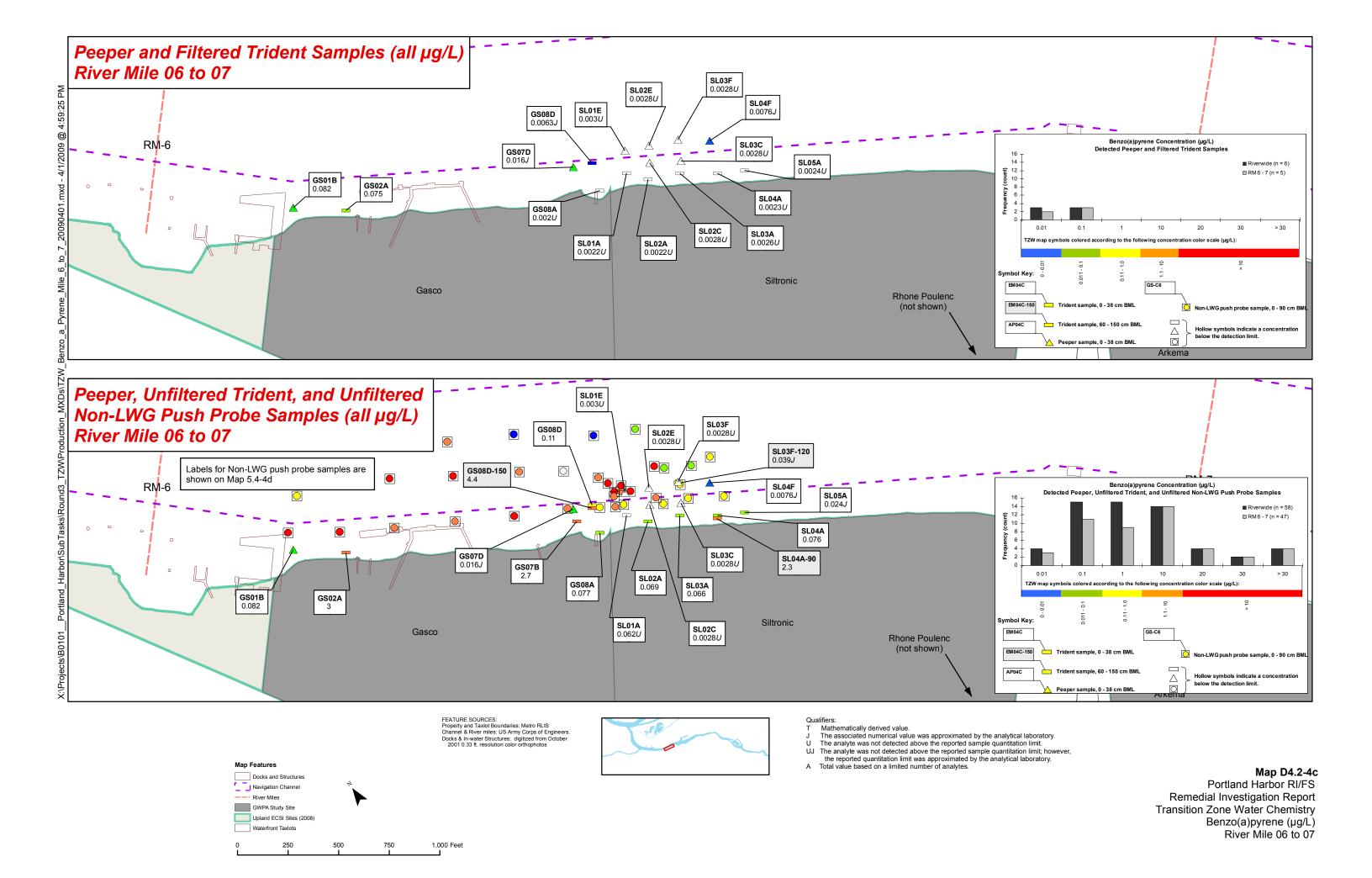
 A Total value based on a limited number of analytes.

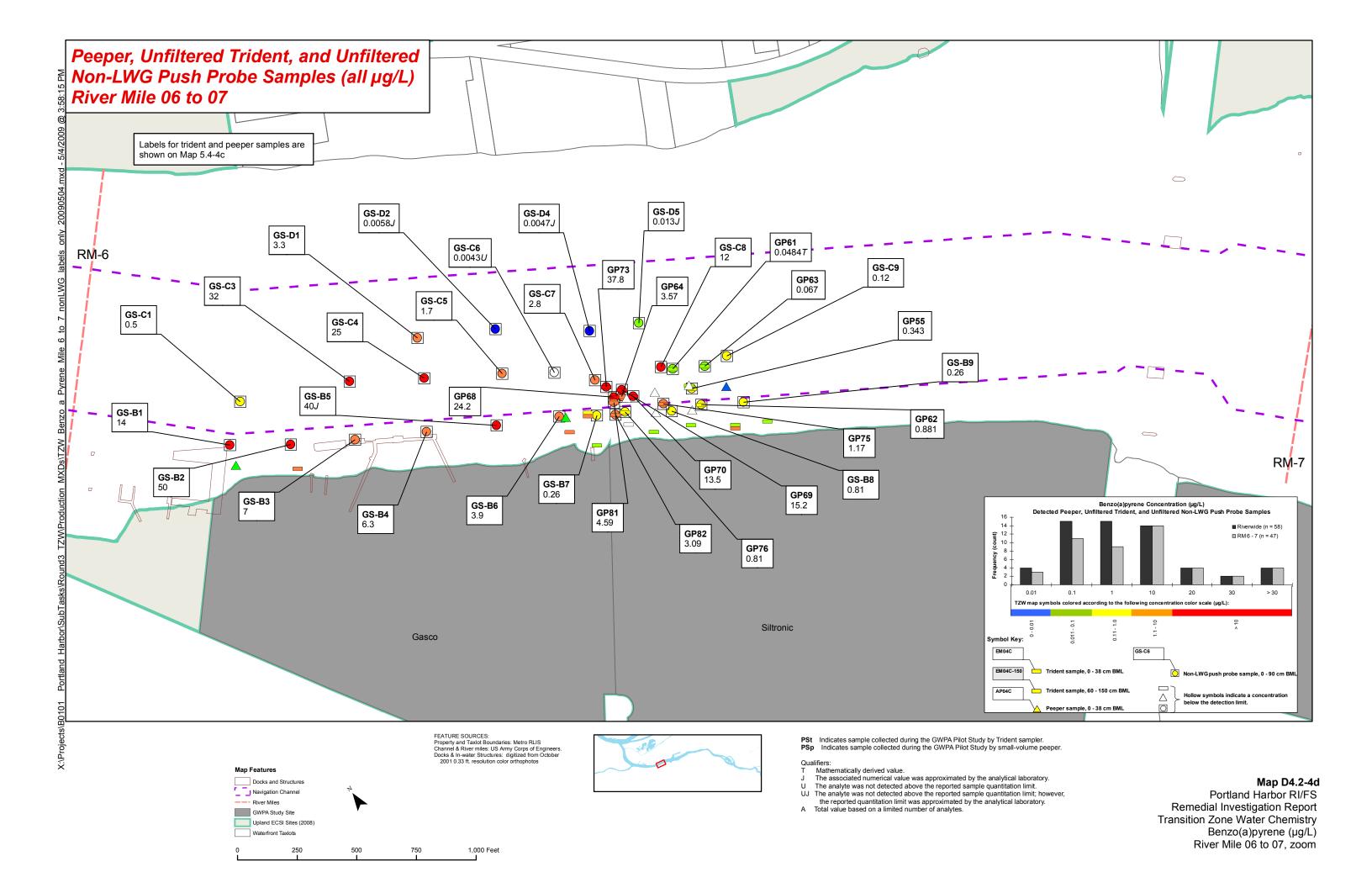
Map D4.2-3e

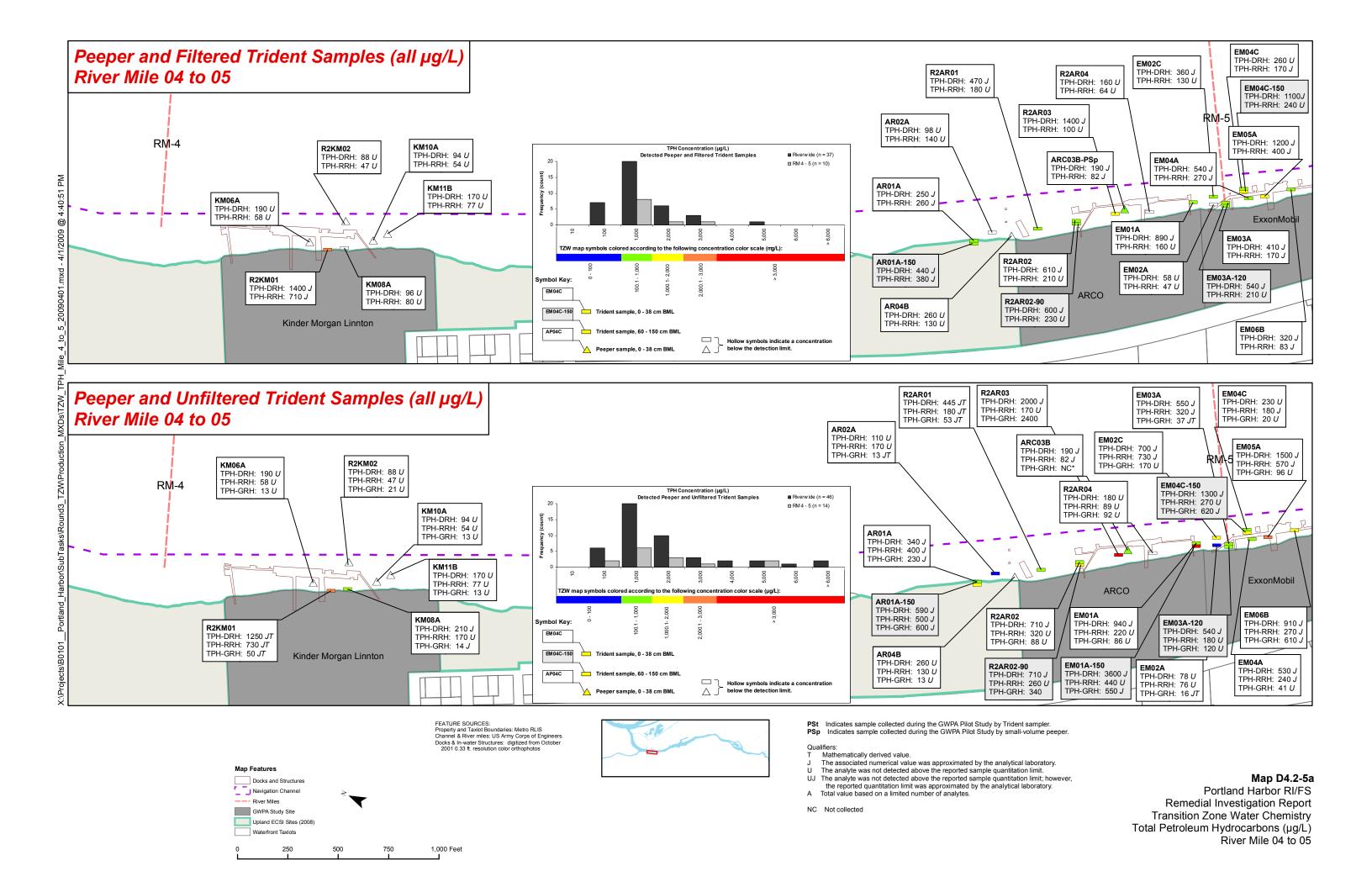
Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Naphthalene (µg/L) River Mile 07 to 08

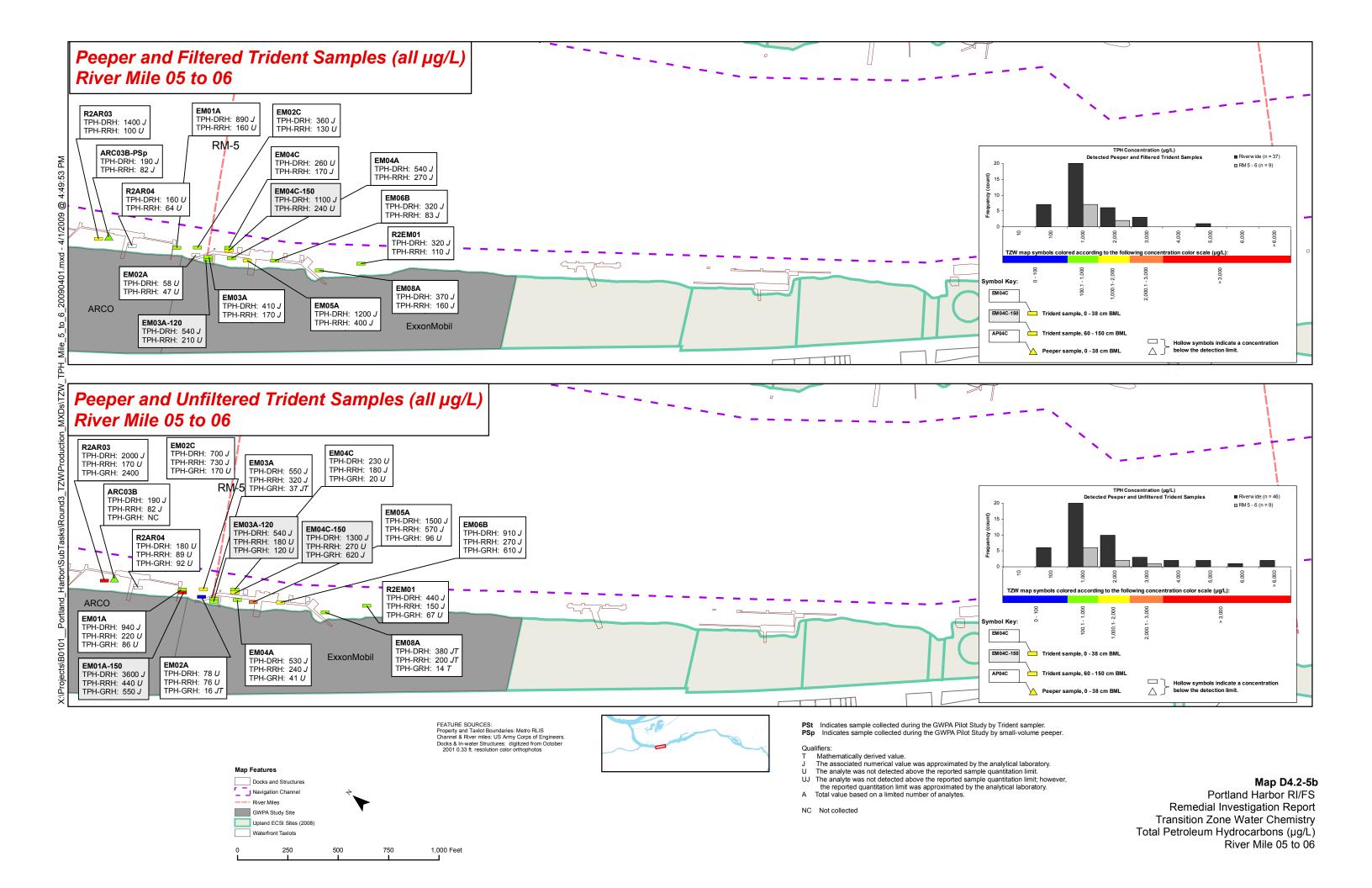


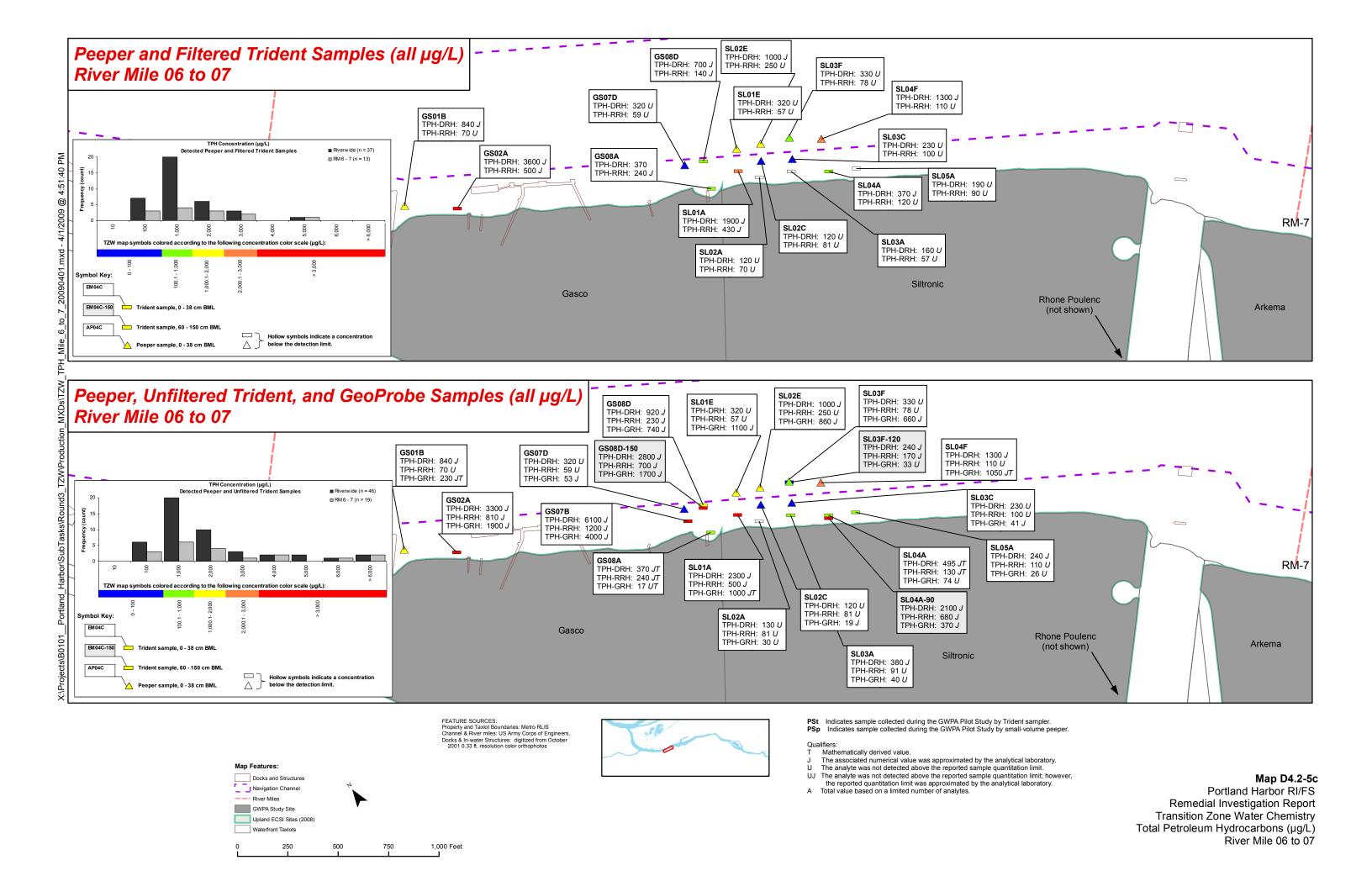


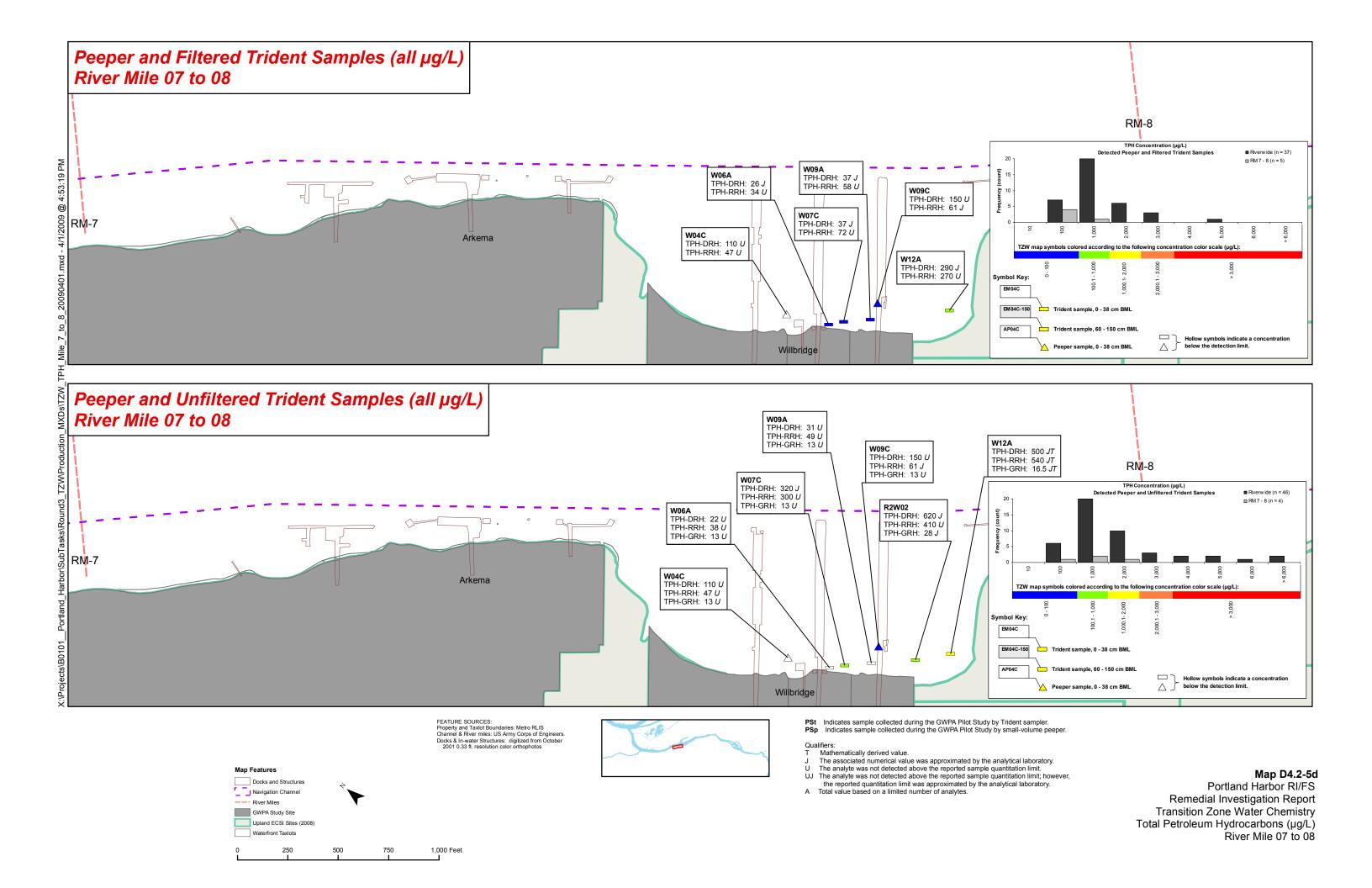


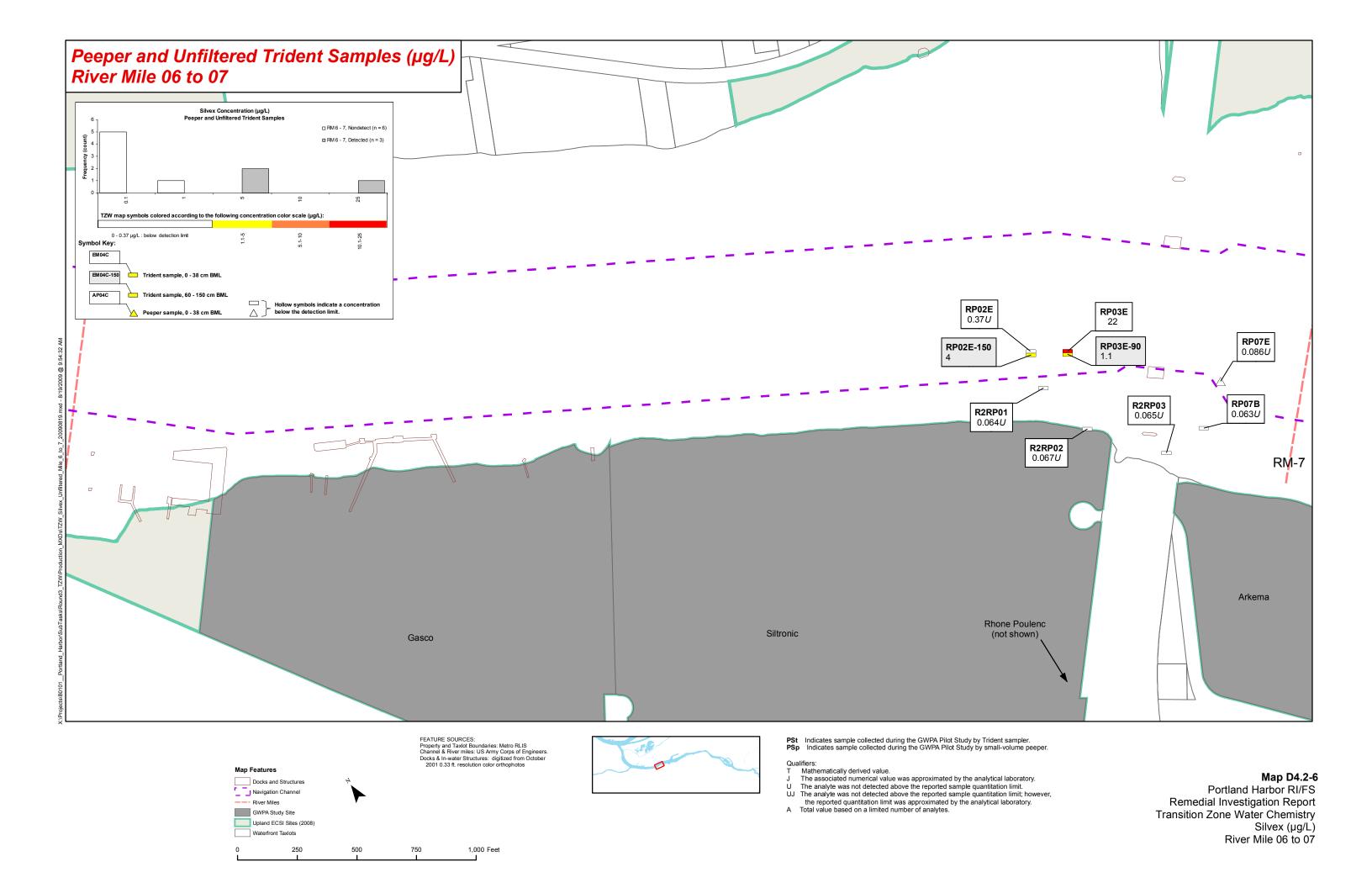


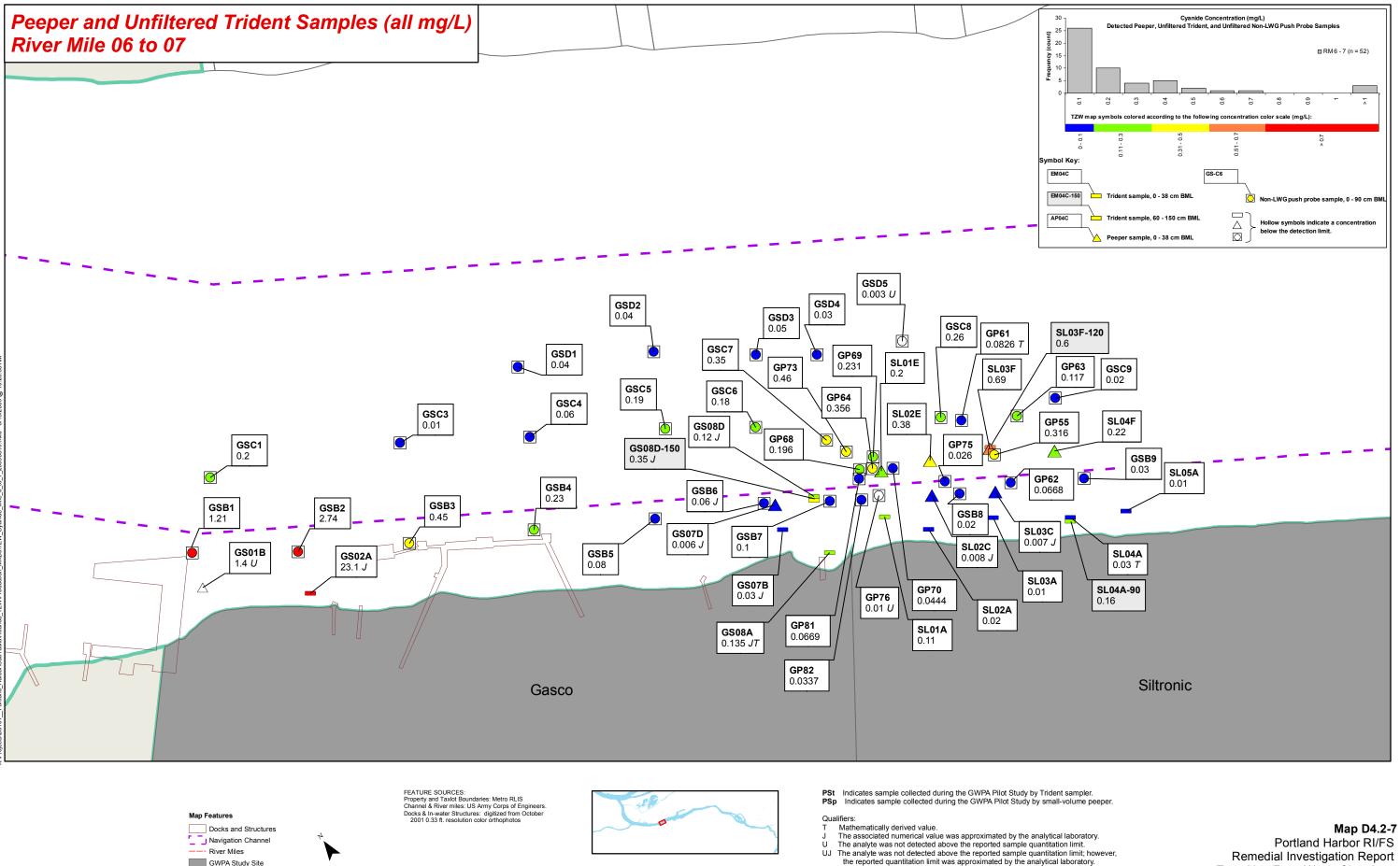












A Total value based on a limited number of analytes.

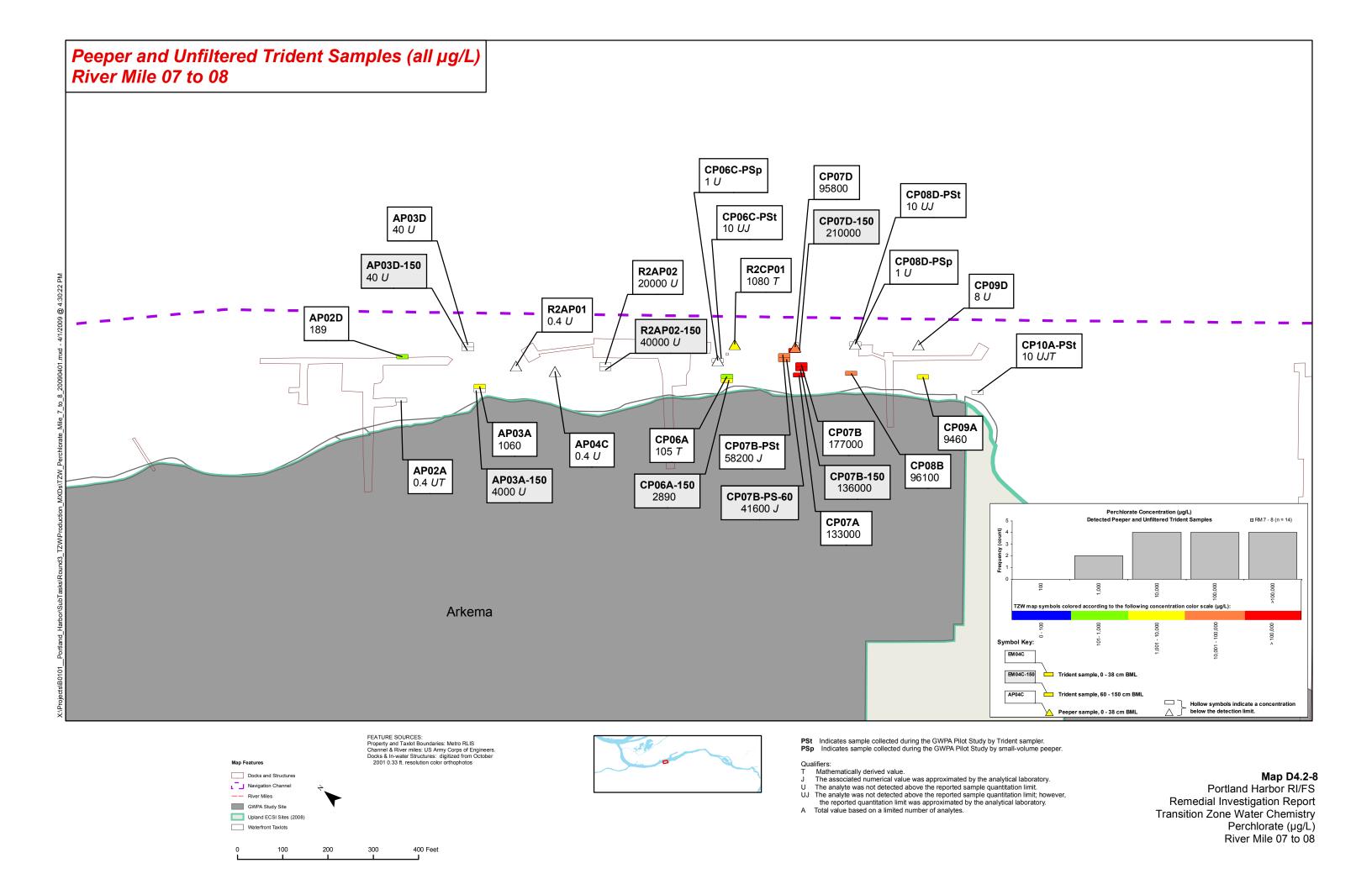
GWPA Study Site

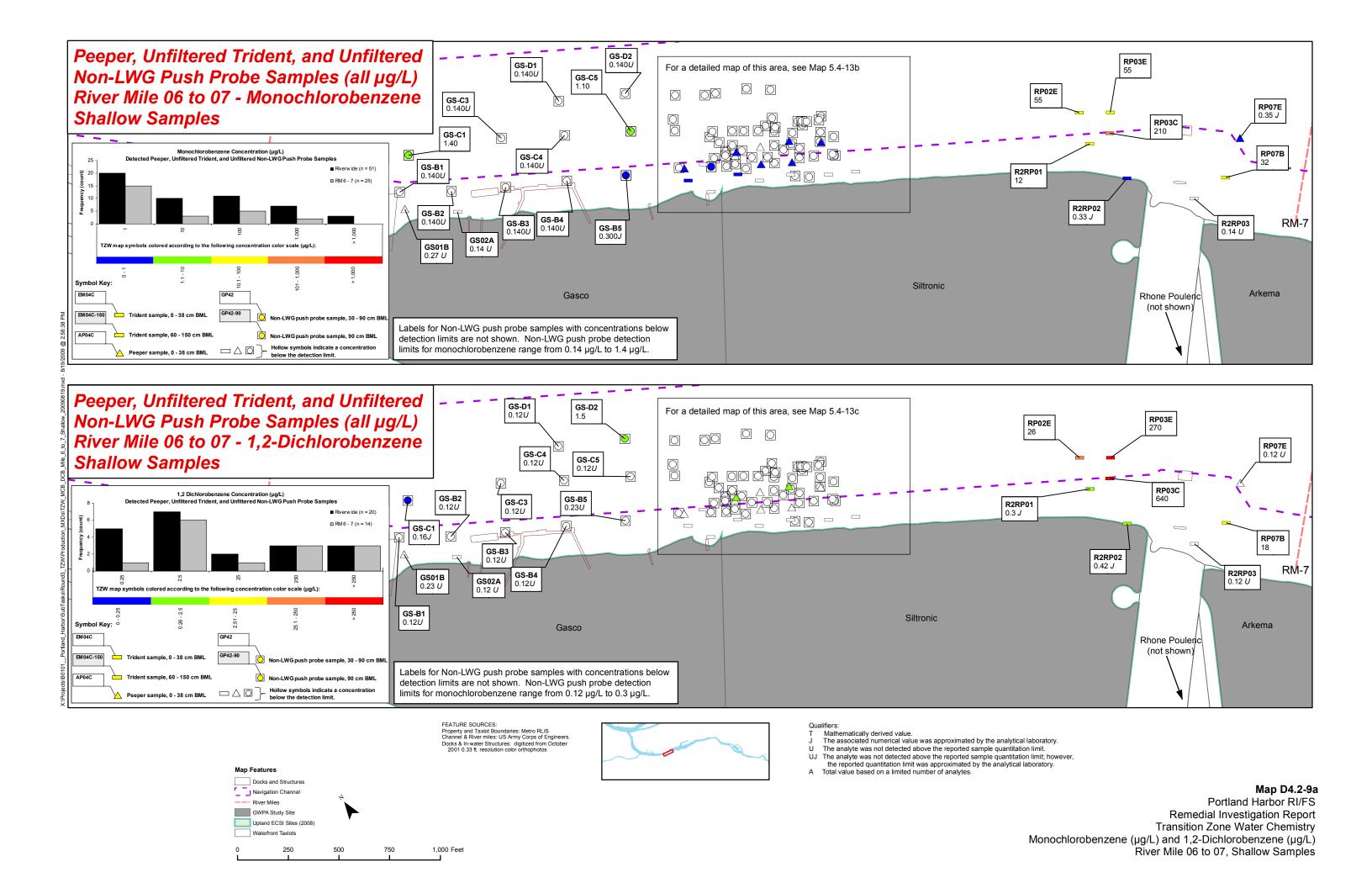
Waterfront Taxlots

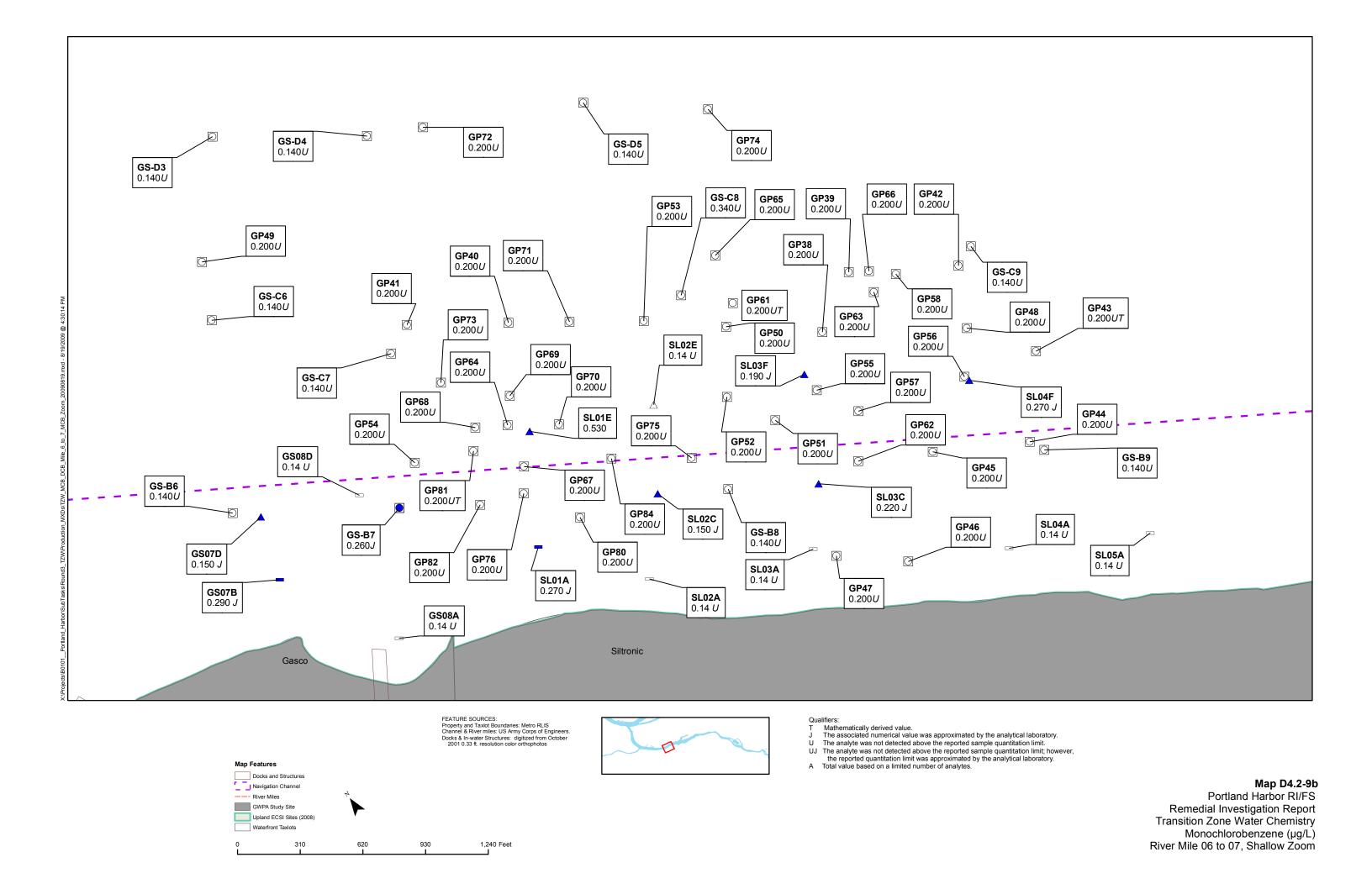
Upland ECSI Sites (2008)

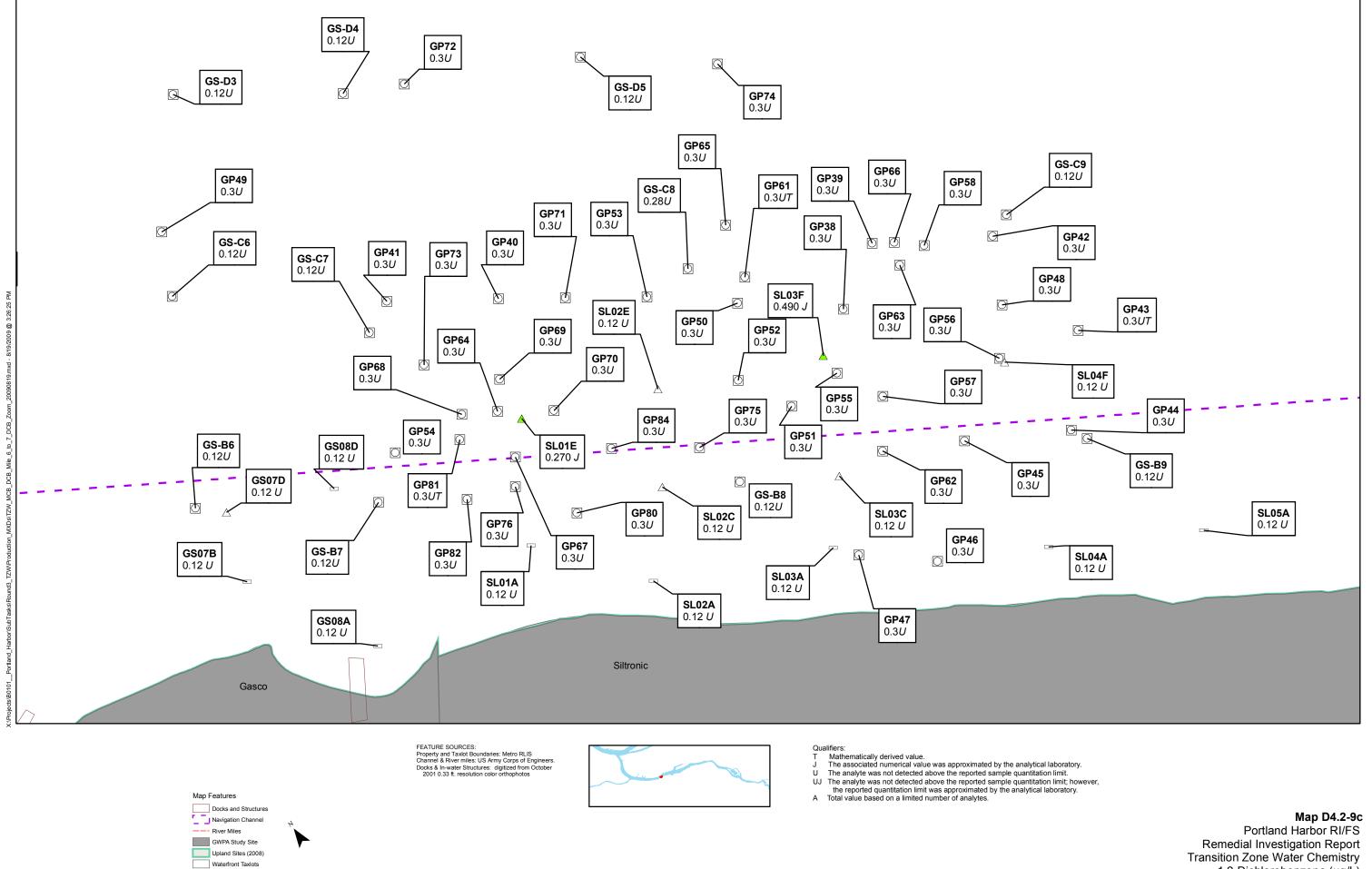
400 Feet

Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Cyanide (mg/L) River Mile 06 to 07

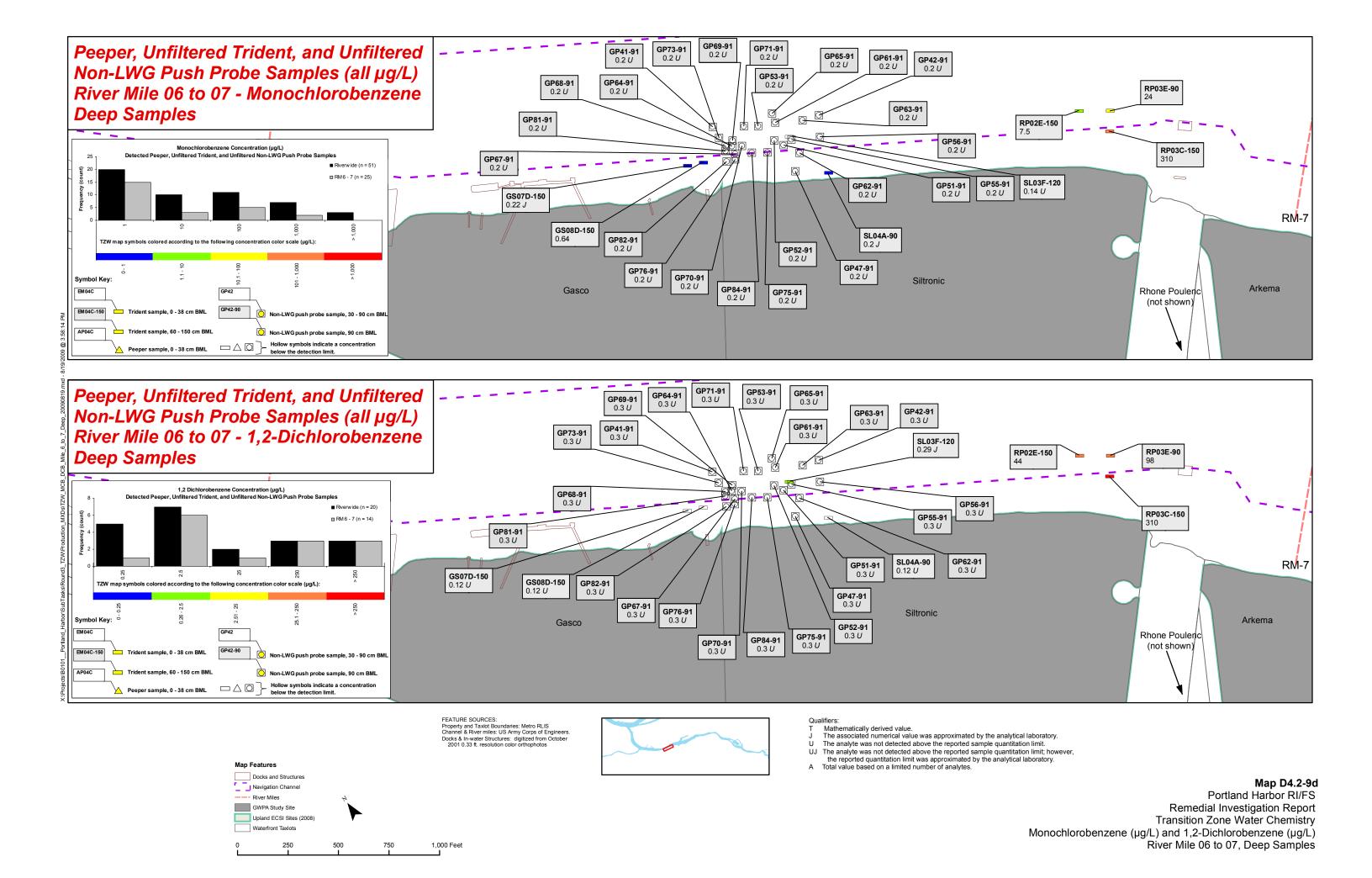


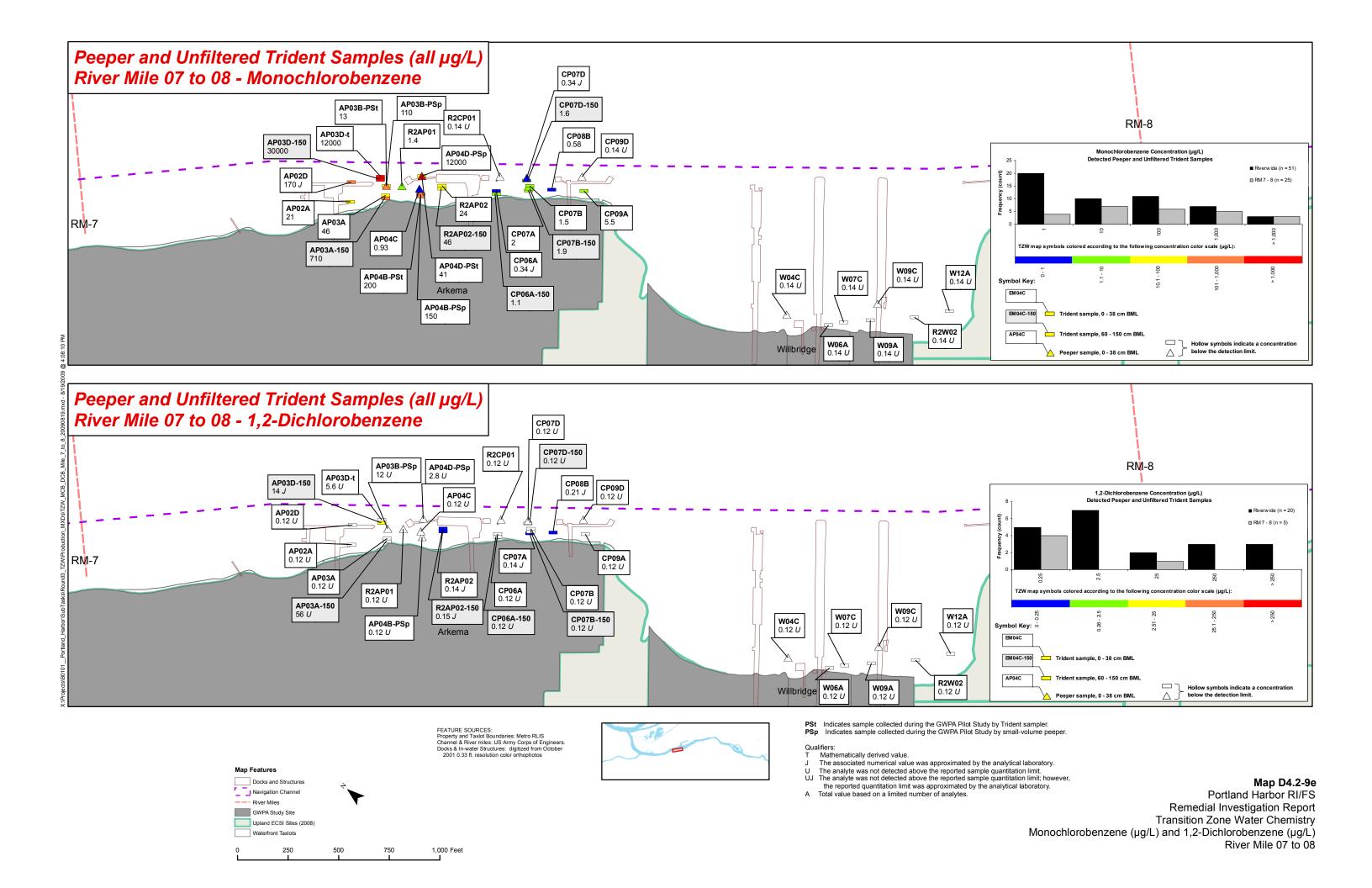


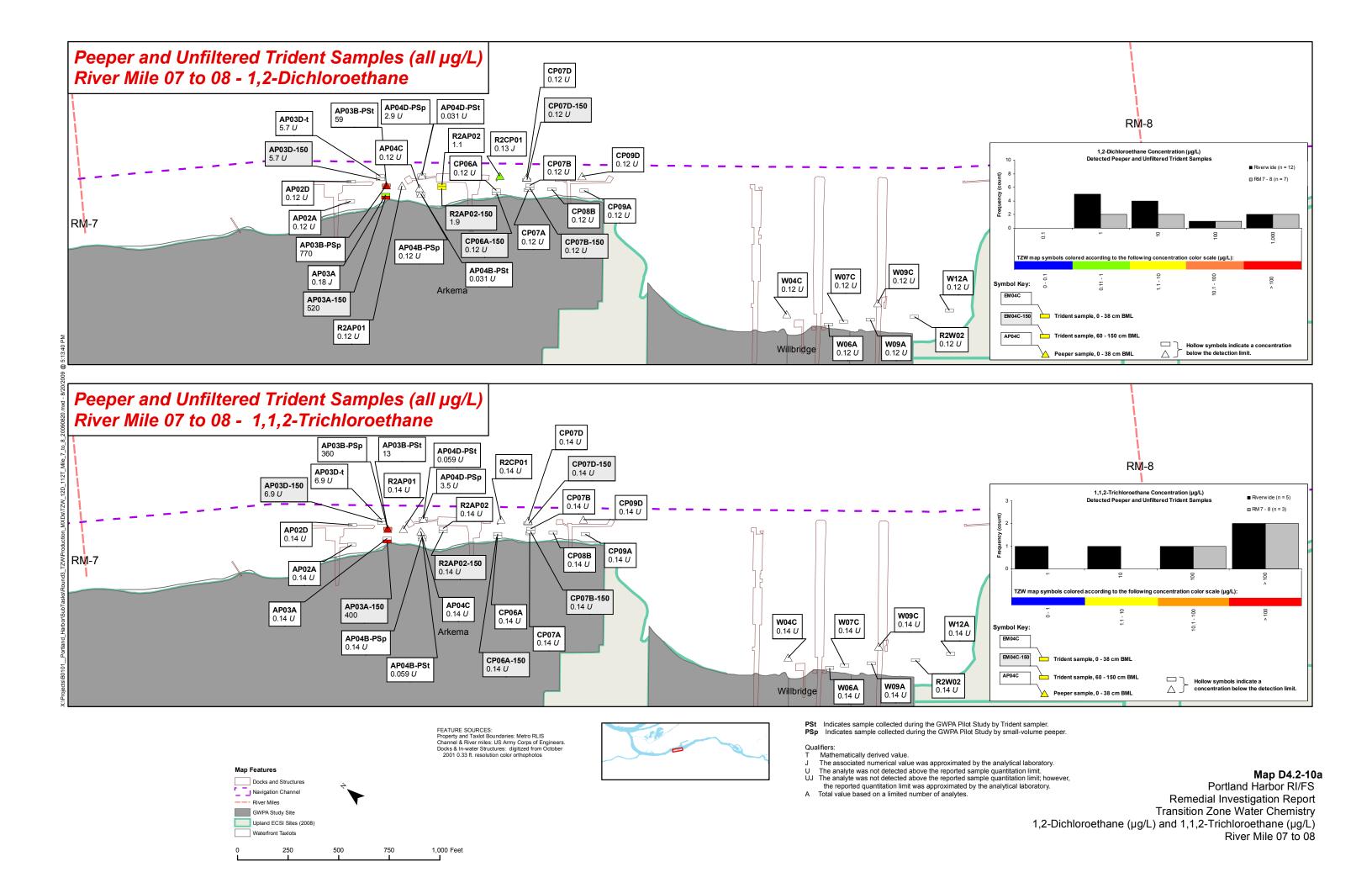


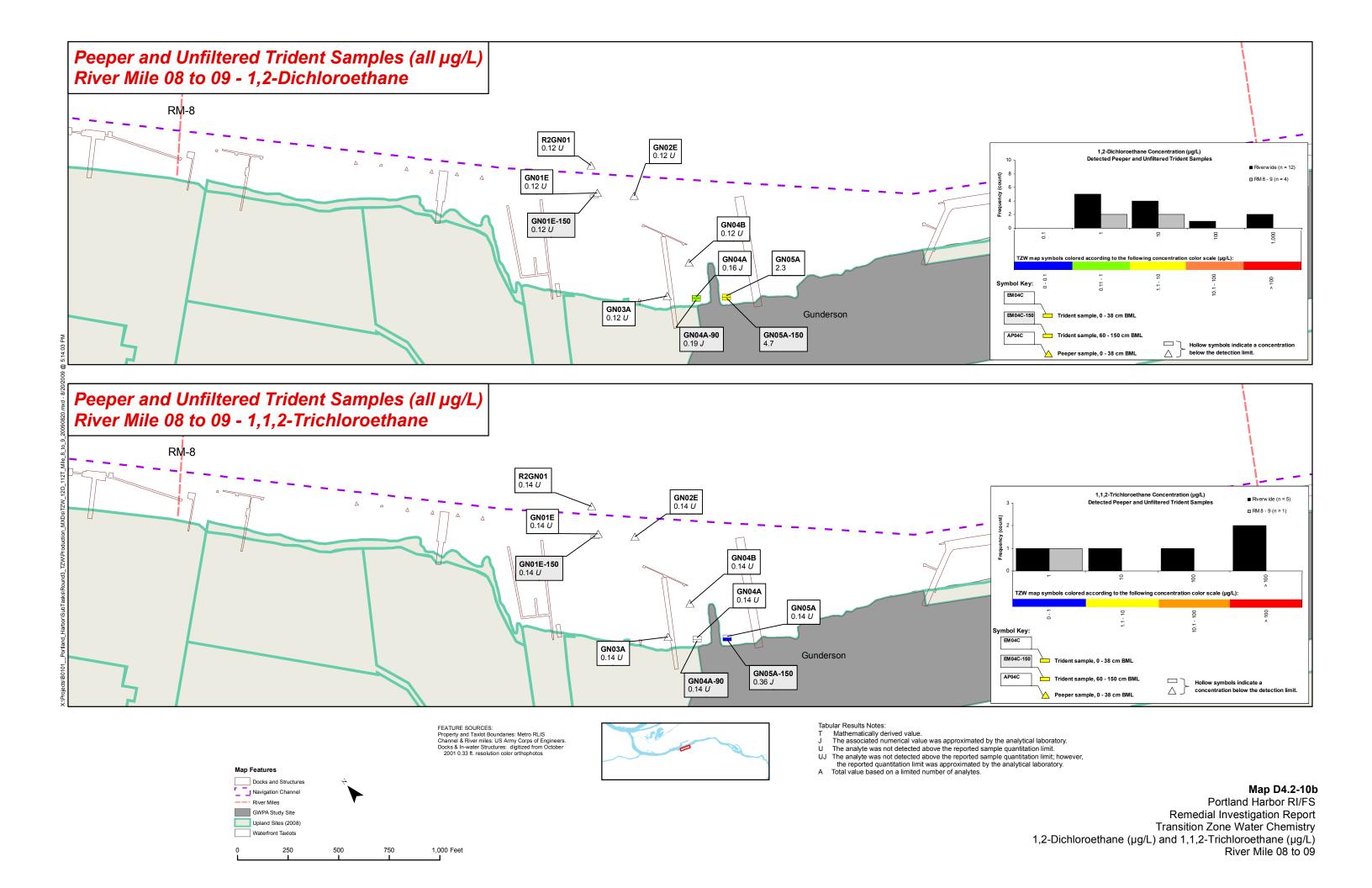


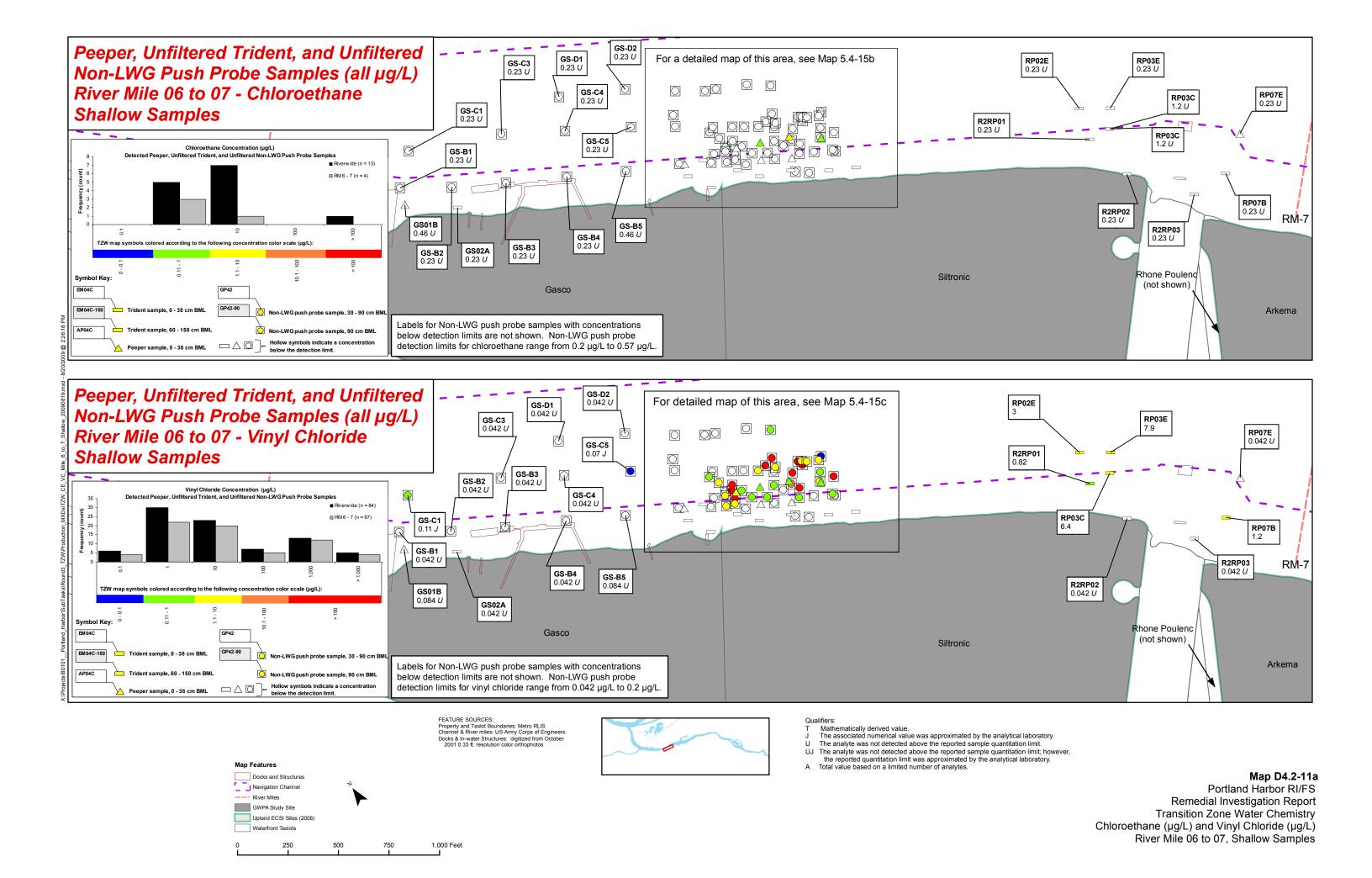
1,2-Dichlorobenzene (µg/L) River Mile 06 to 07, Shallow Zoom

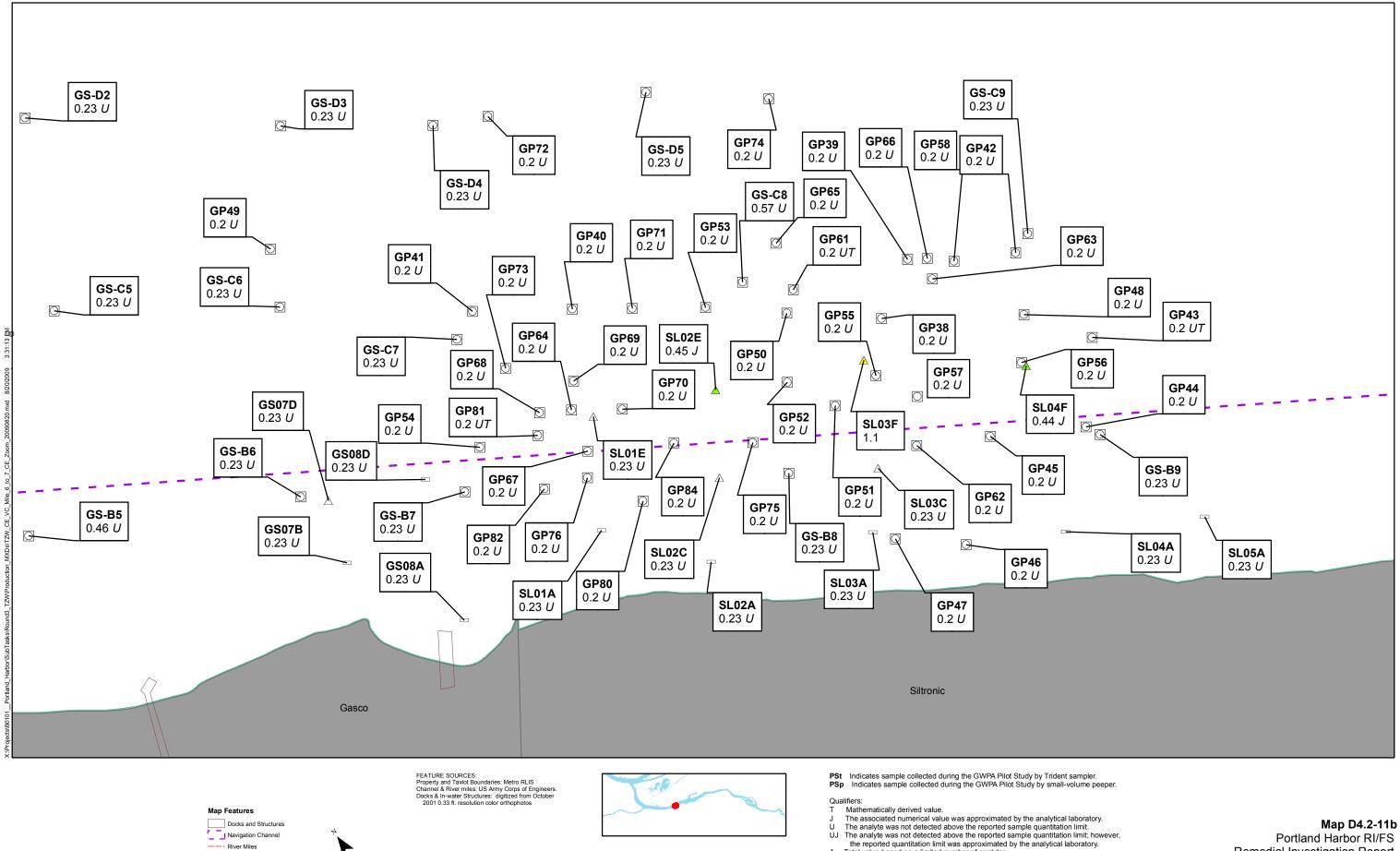












320 Feet

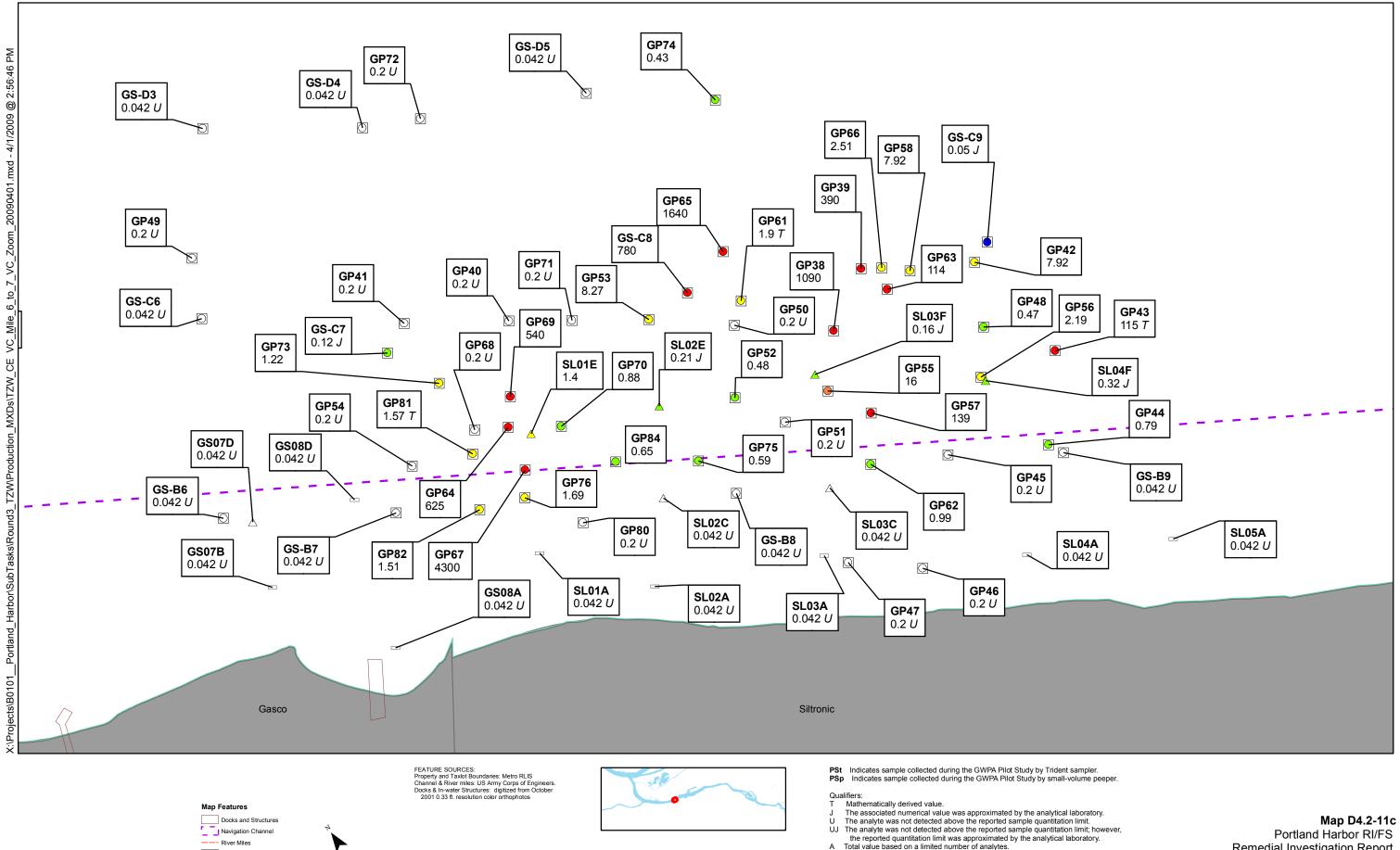
GWPA Study Site

Upland ECSI Sites (2008)

Waterfront Taxlots

A Total value based on a limited number of analytes.

Portland Harbor RI/FS
Remedial Investigation Report
Transition Zone Water Chemistry
Chloroethane (μg/L)
River Mile 06 to 07, Shallow Zoom



360 Feet

270

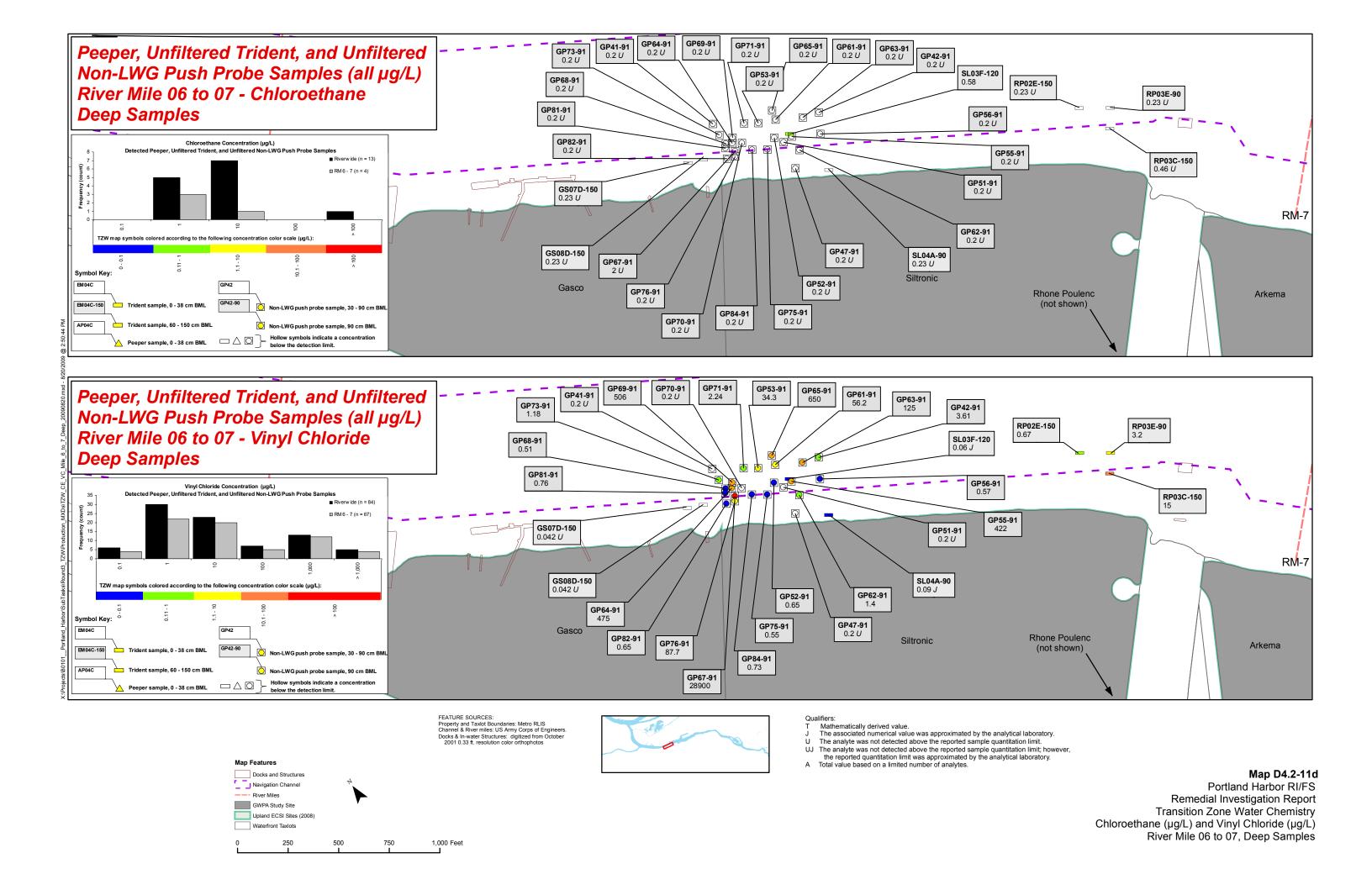
--- River Miles

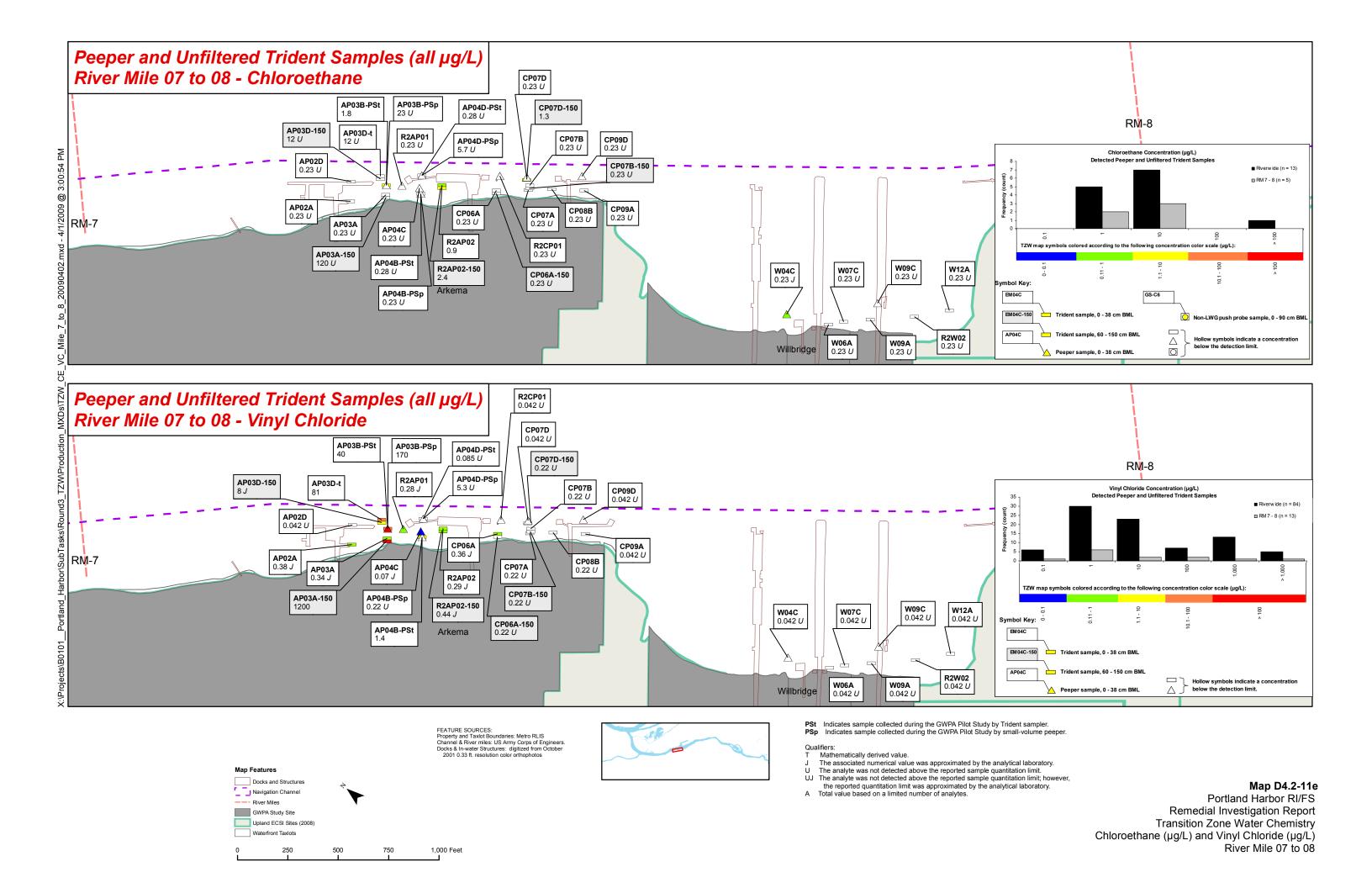
GWPA Study Site

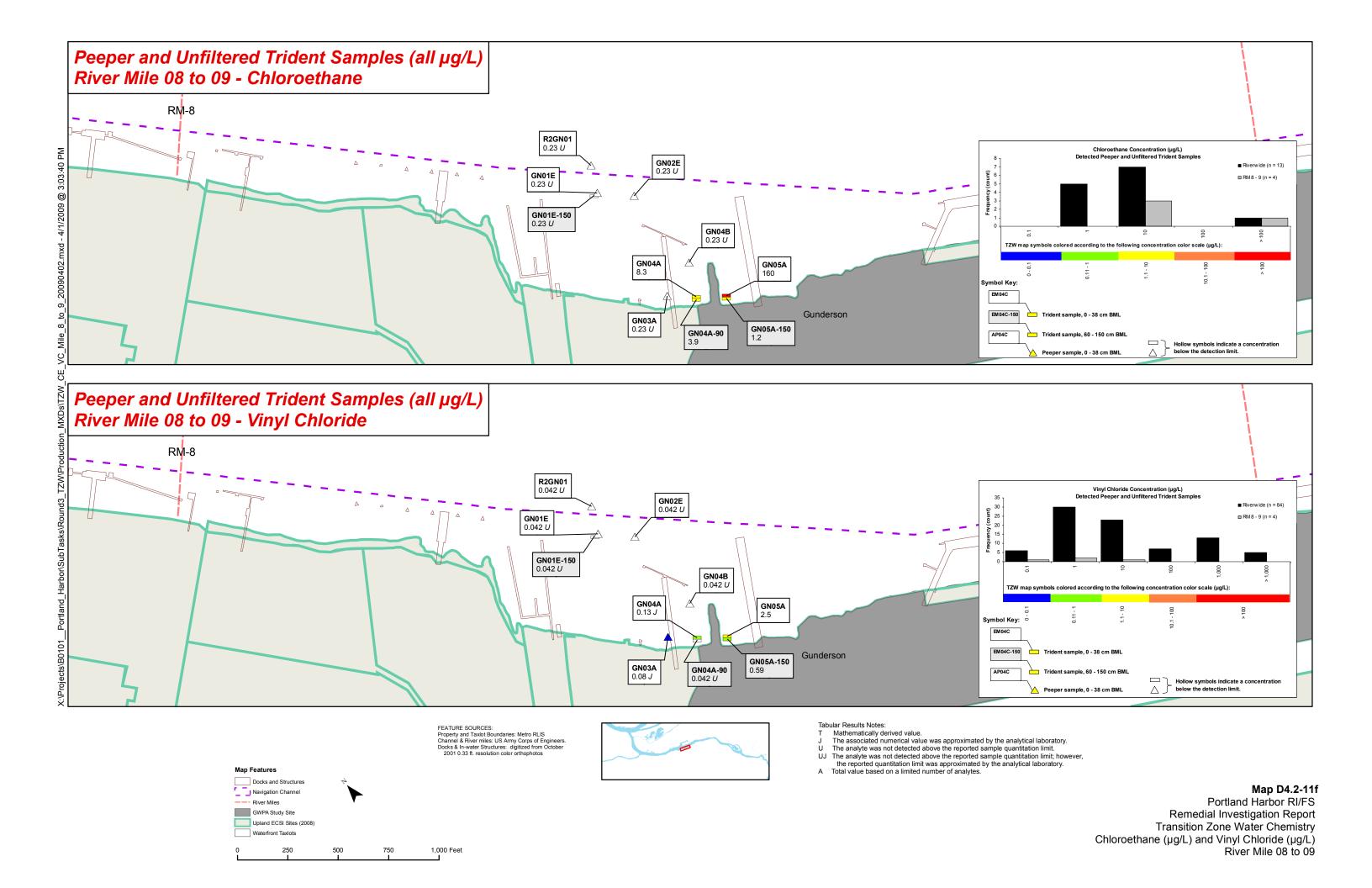
Waterfront Taxlots

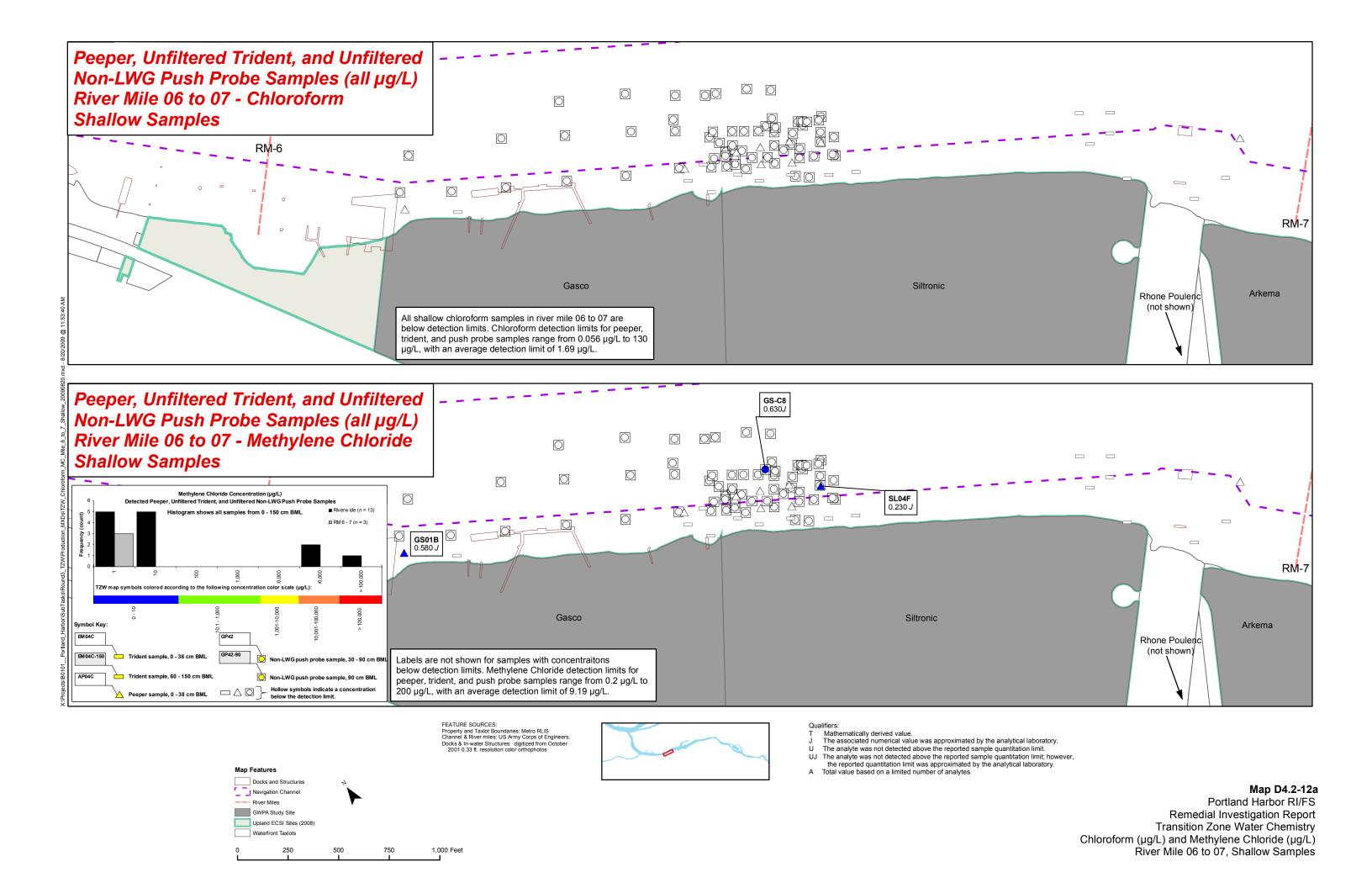
Upland ECSI Sites (2008)

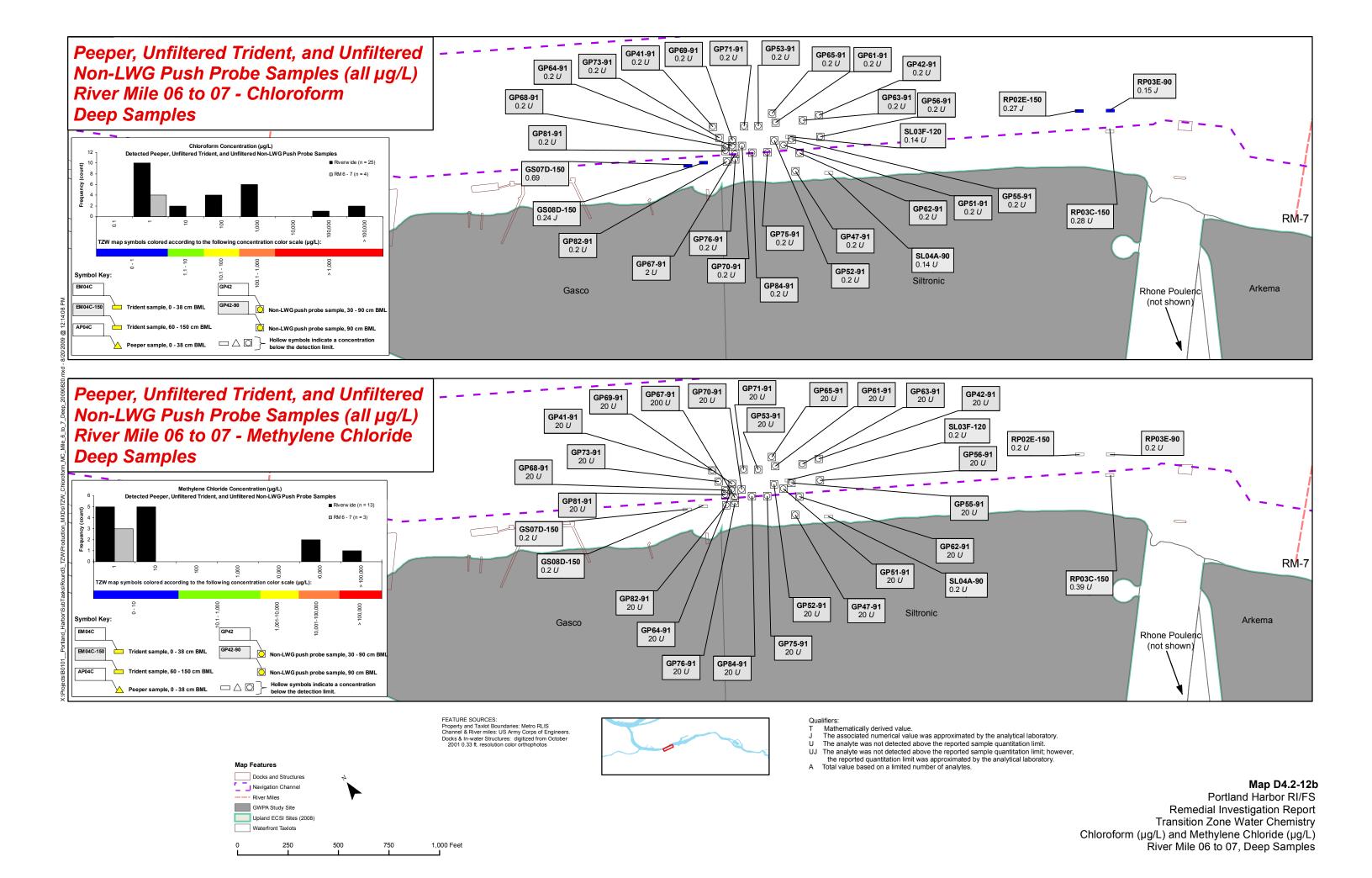
Portland Harbor RI/FS Remedial Investigation Report Transition Zone Water Chemistry Vinyl Chloride (µg/L) River Mile 06 to 07, Shallow Zoom

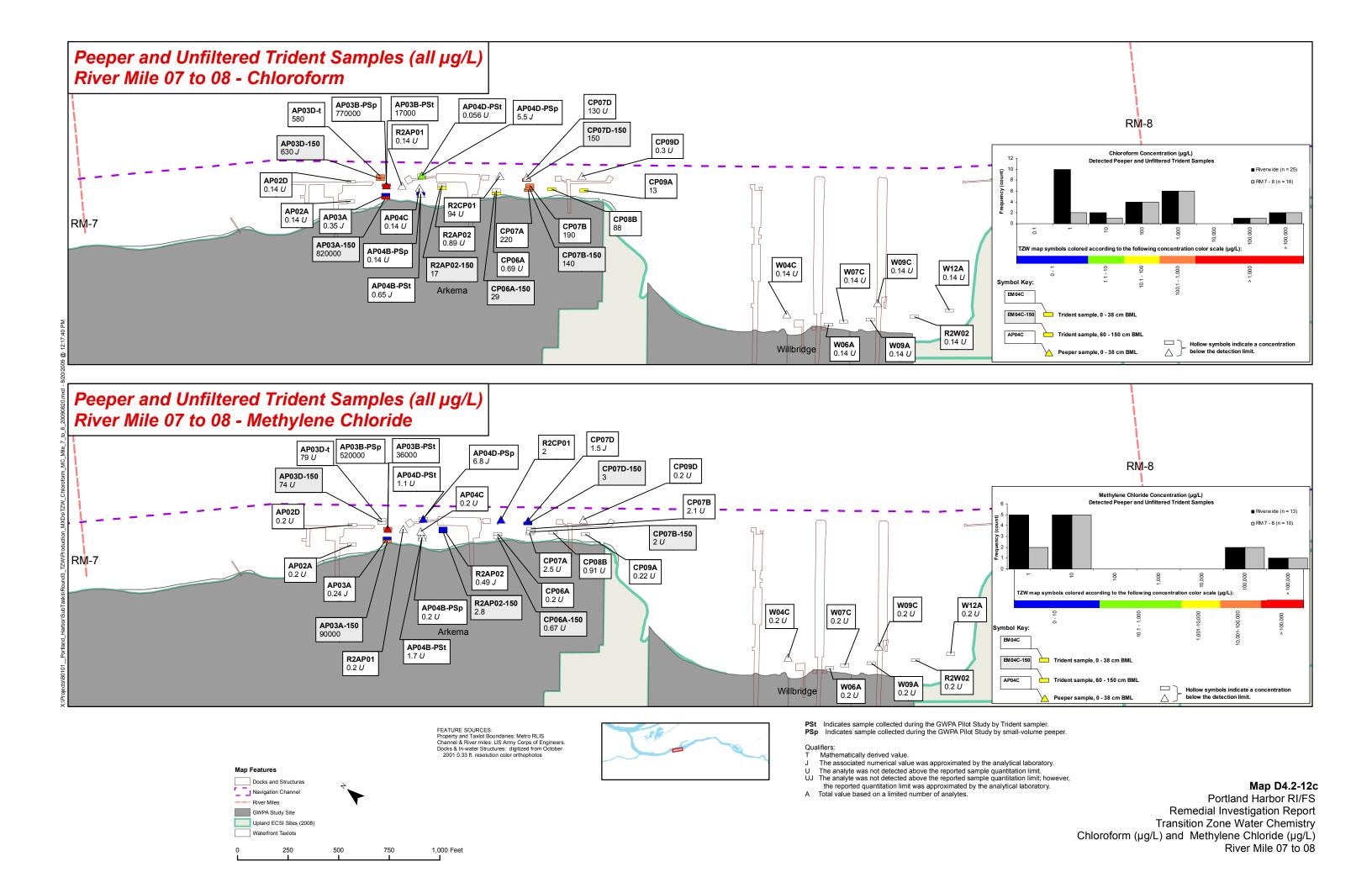


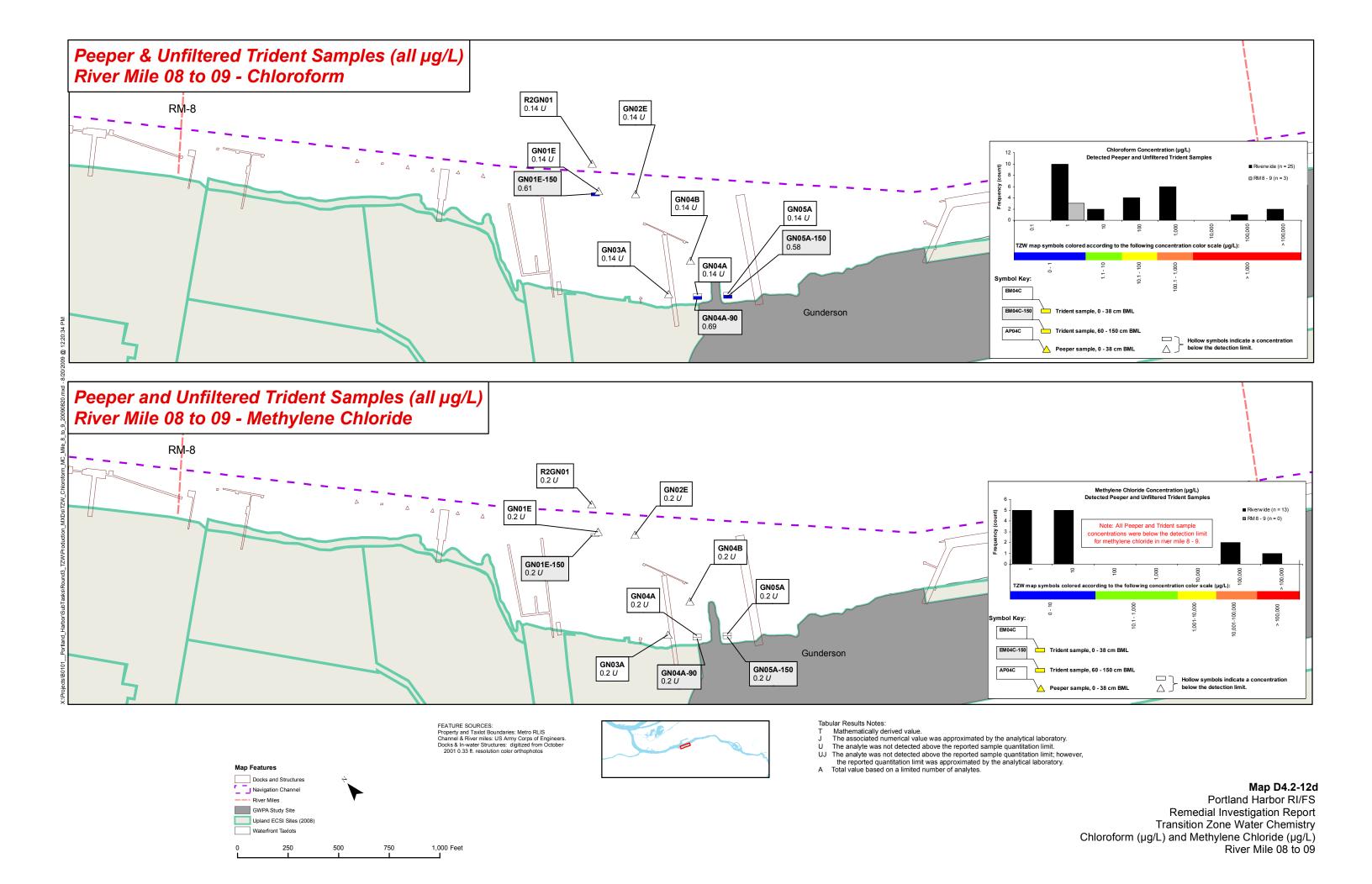


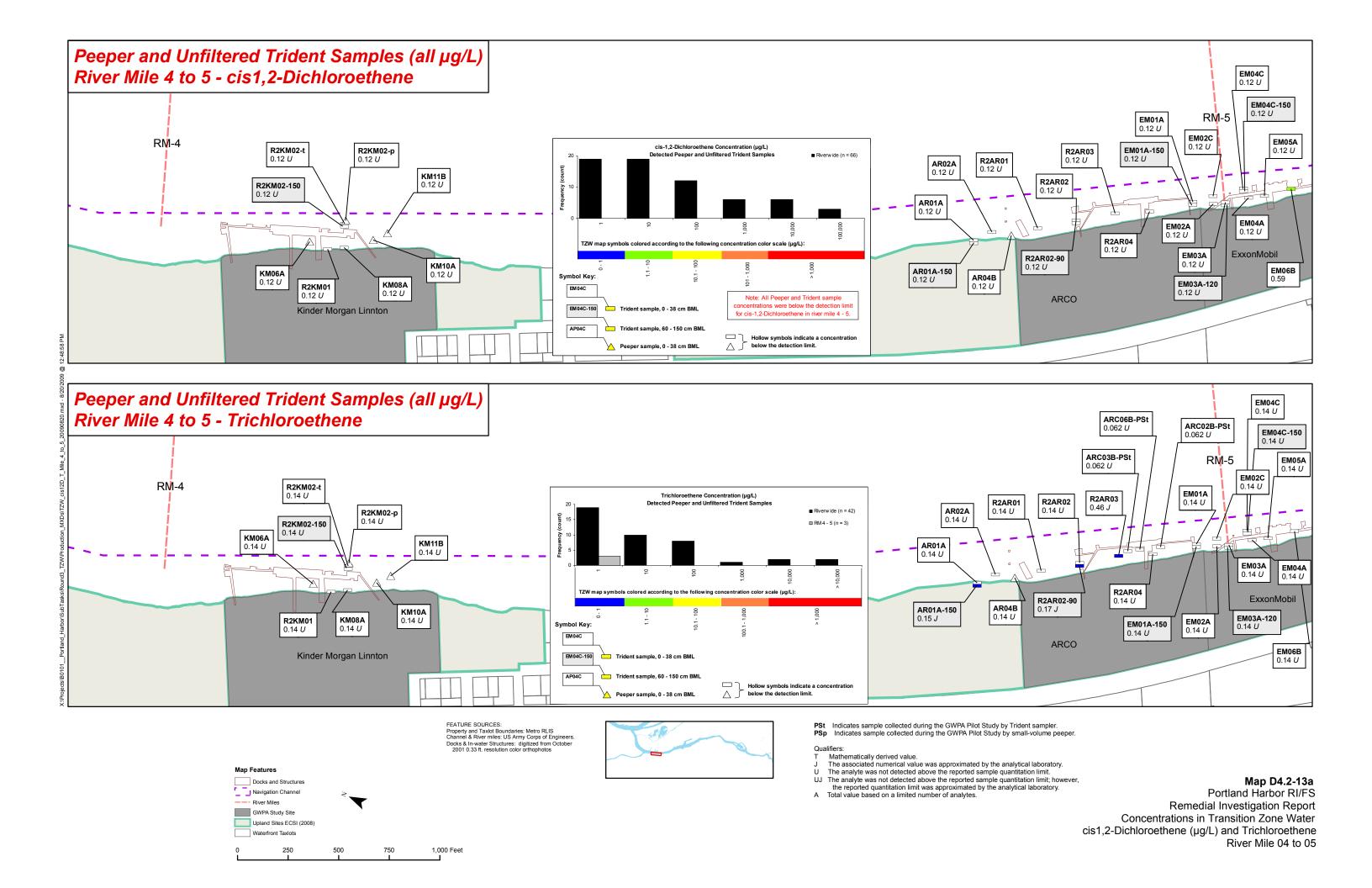


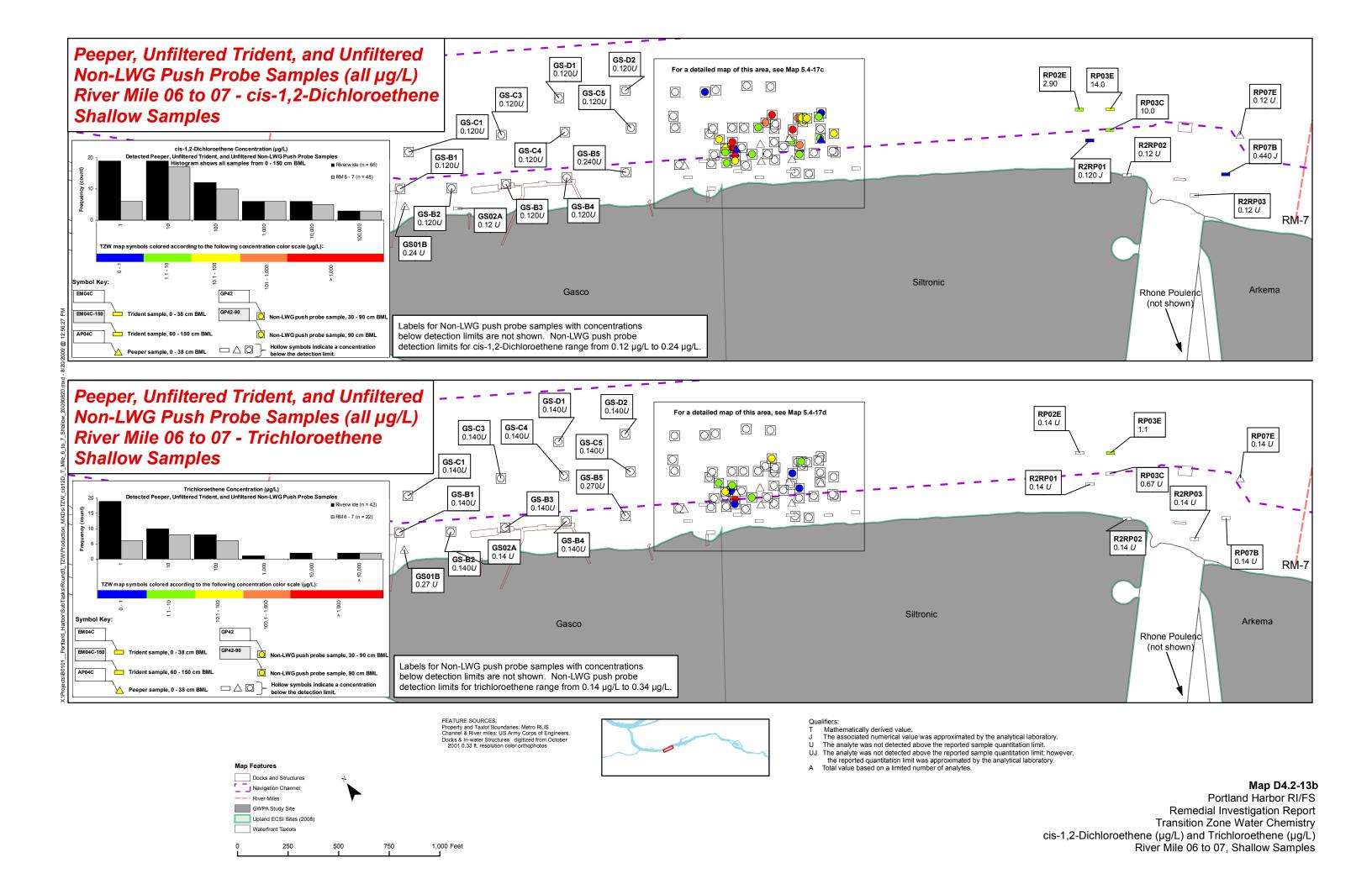


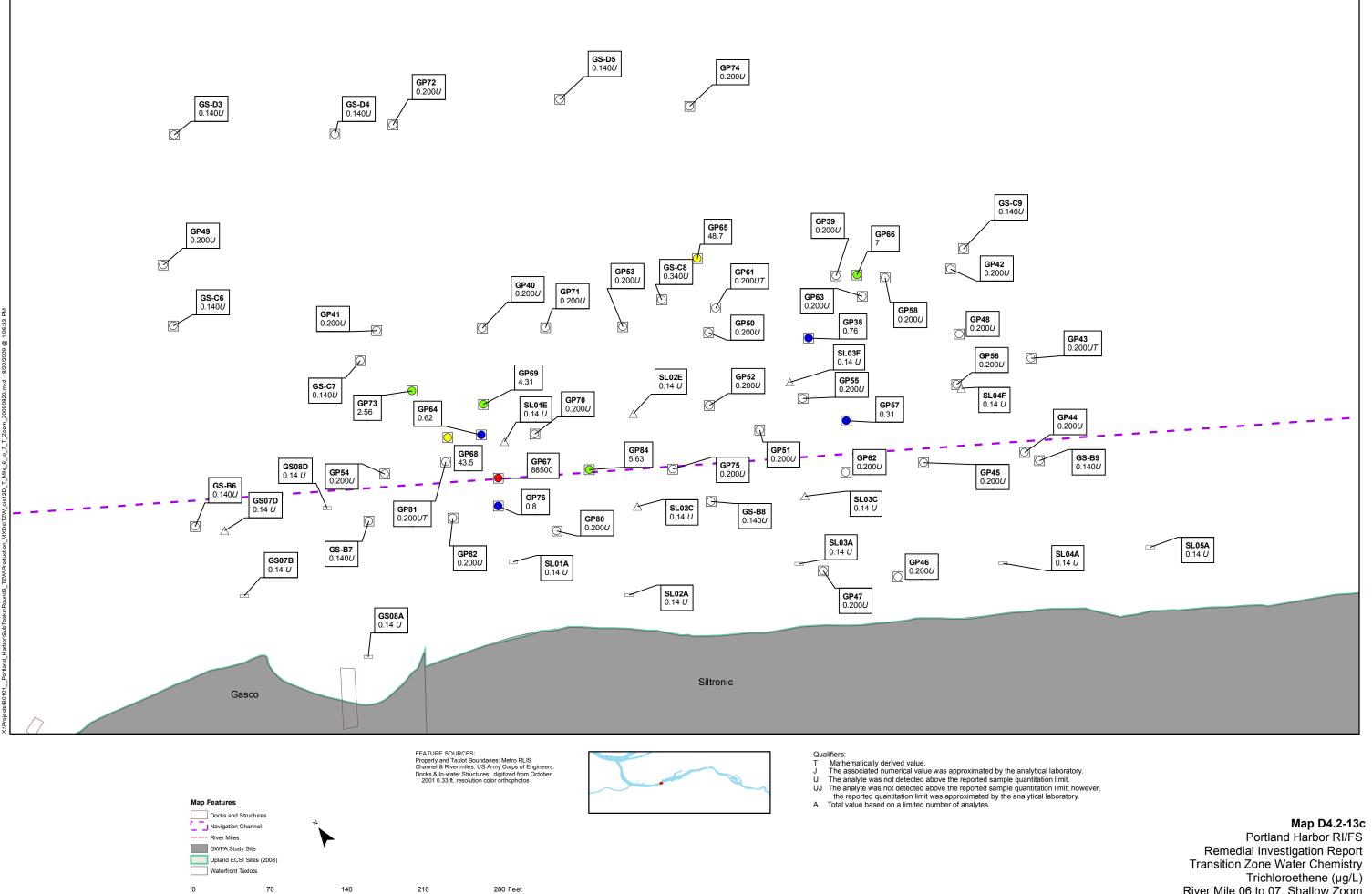




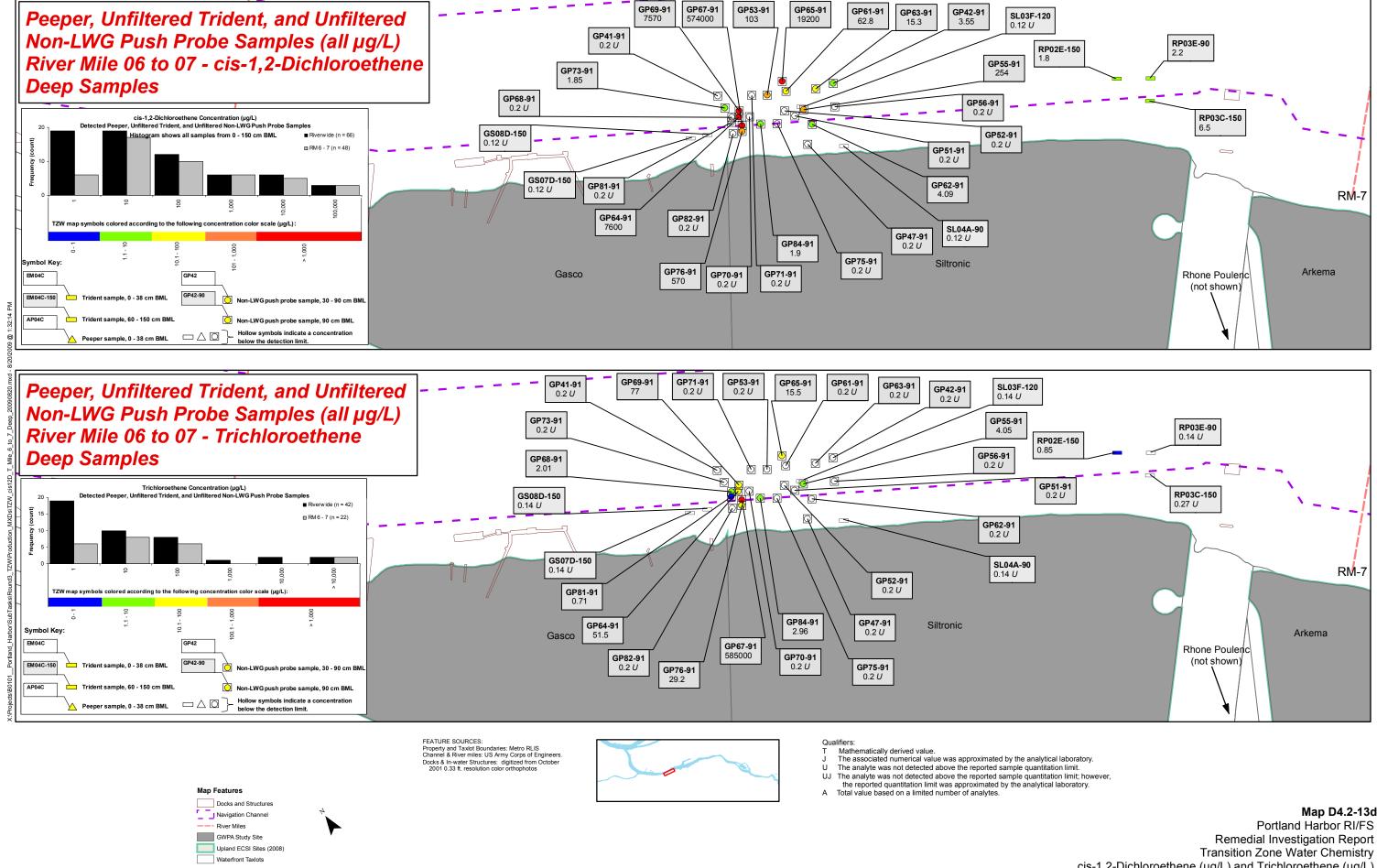






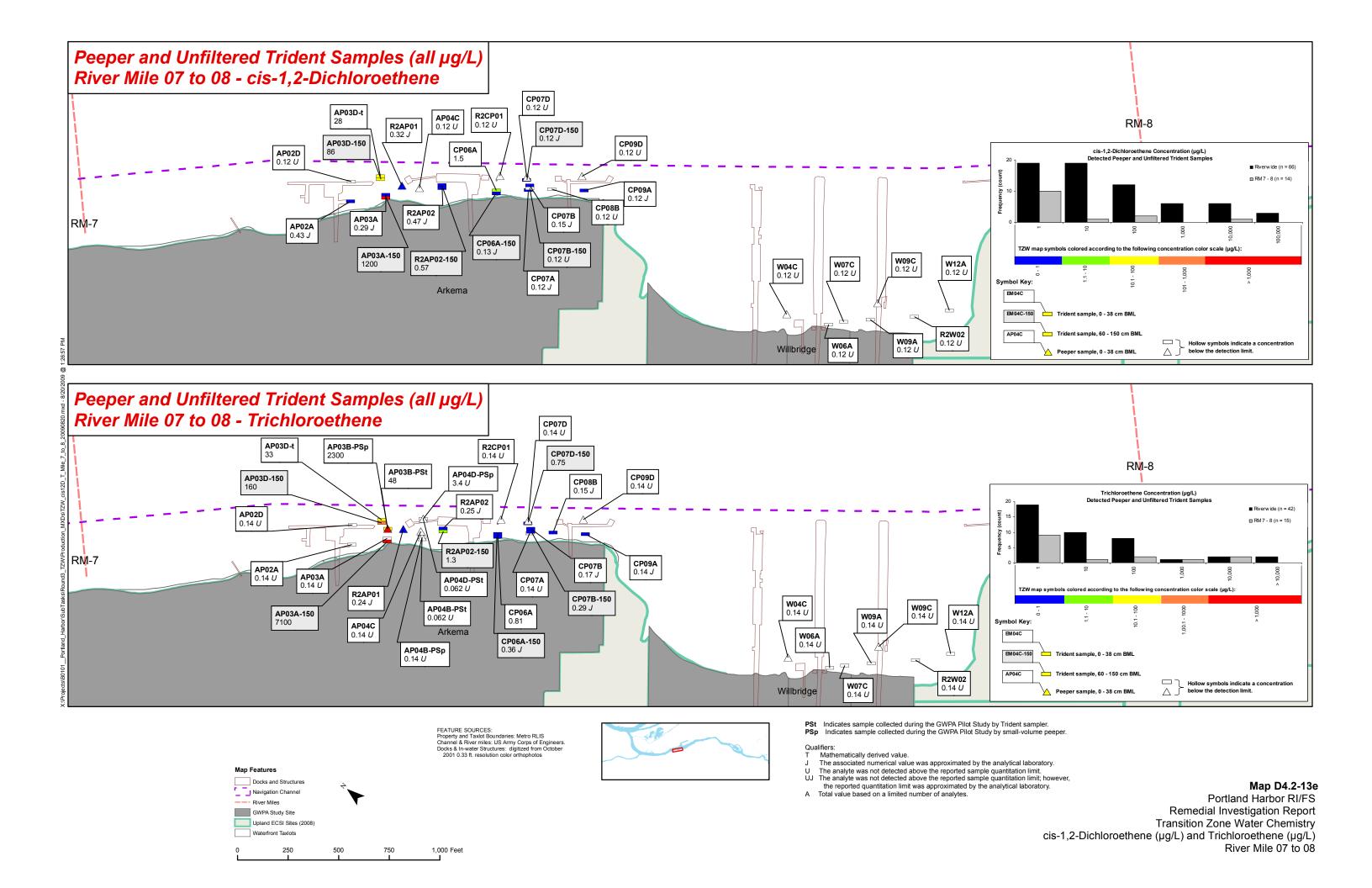


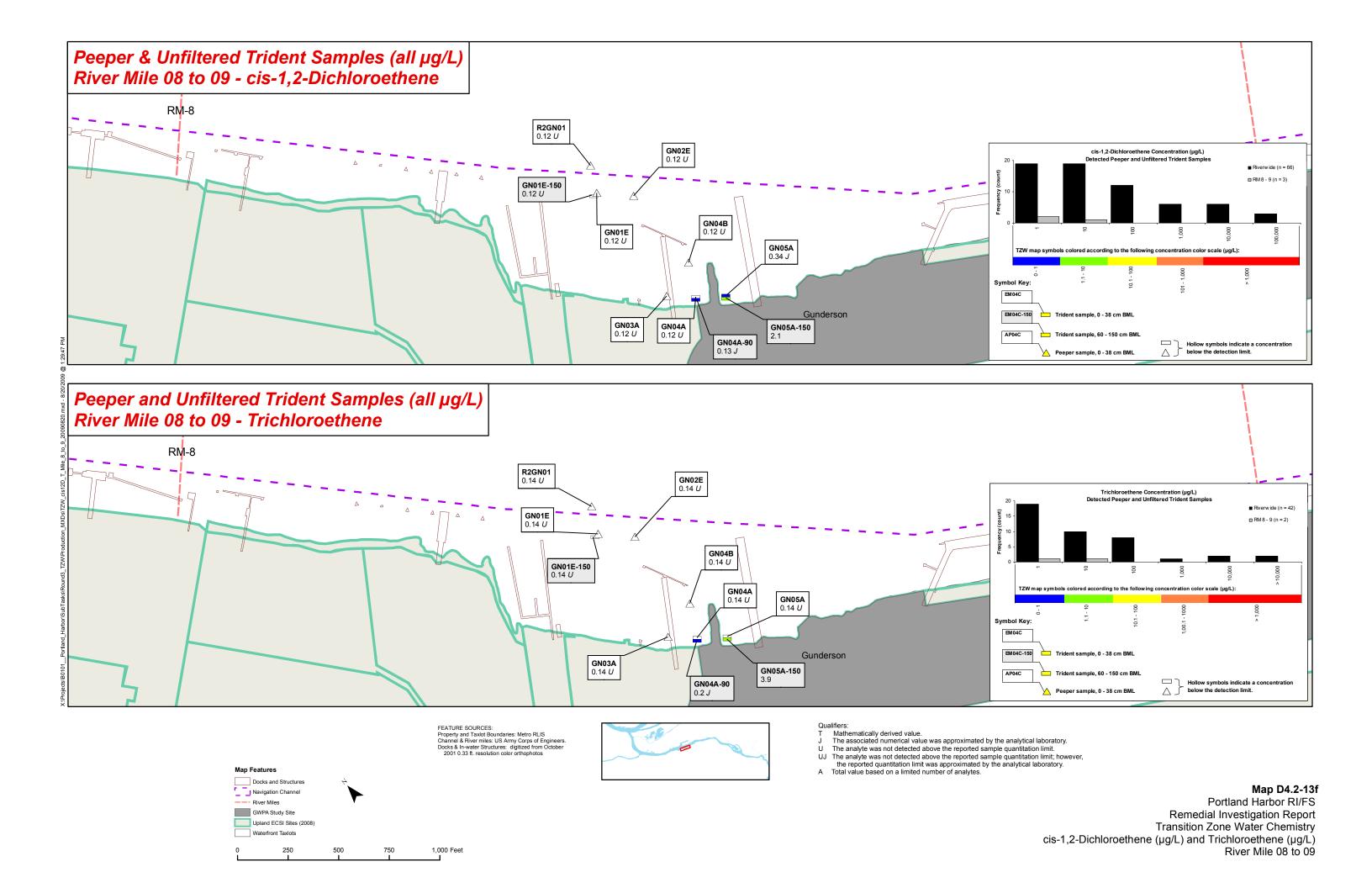
River Mile 06 to 07, Shallow Zoom

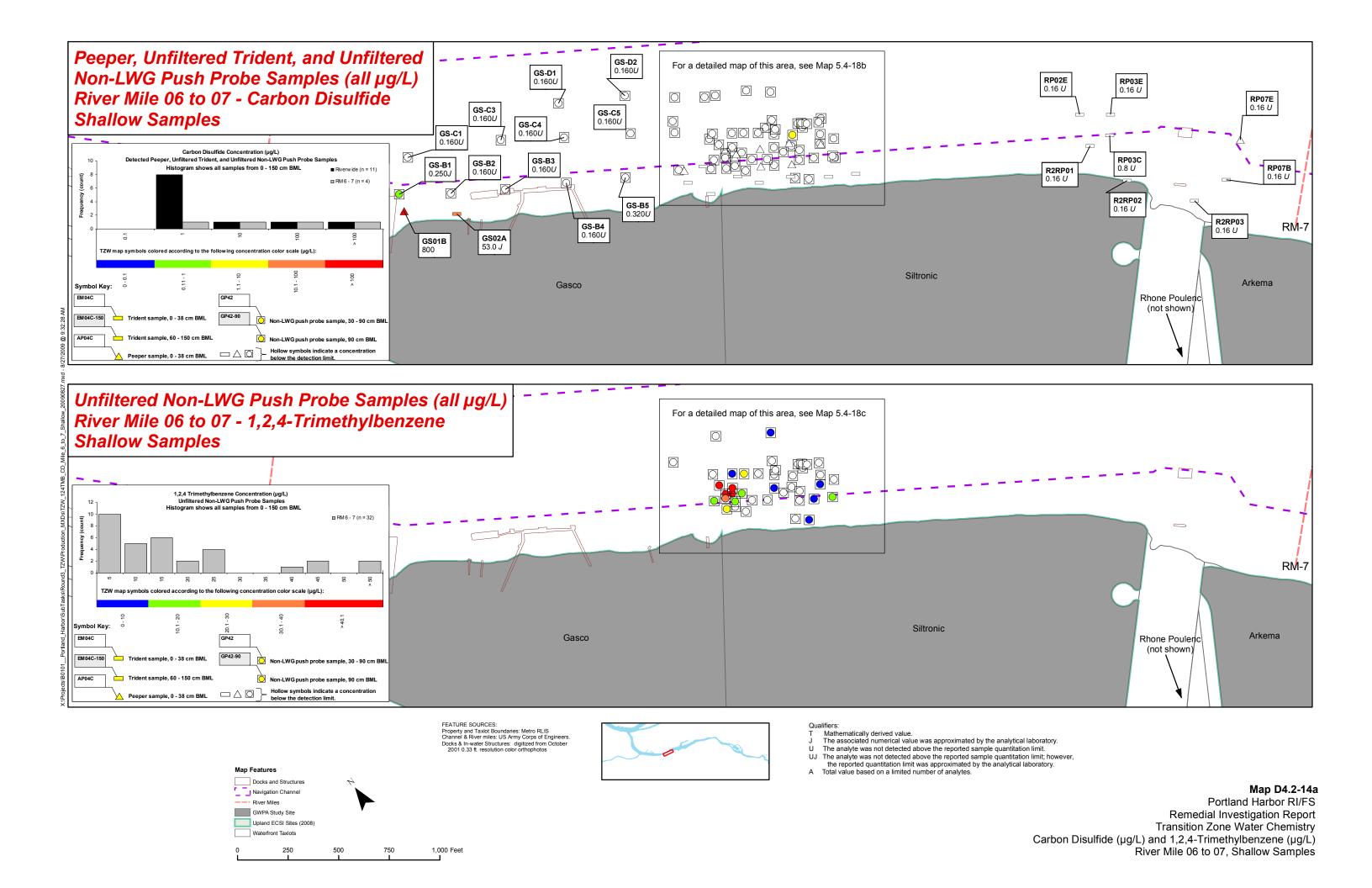


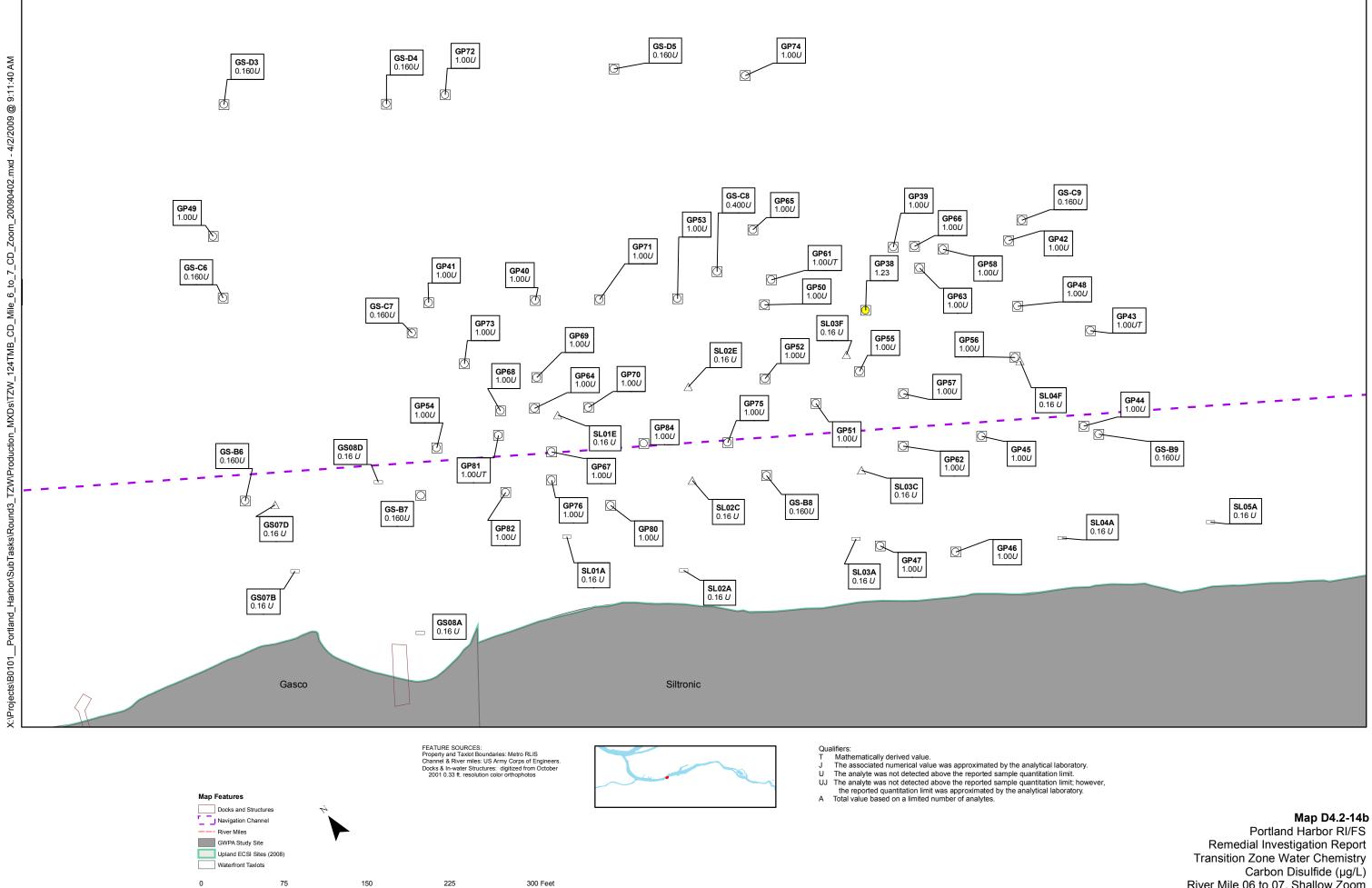
1,000 Feet

Map D4.2-13d cis-1,2-Dichloroethene (µg/L) and Trichloroethene (µg/L) River Mile 06 to 07, Deep Samples









River Mile 06 to 07, Shallow Zoom

